

scallops. At all times when an Amendment 80 vessel is not using dredge gear while directed fishing for scallops and has GOA groundfish onboard the vessel owner or operator must ensure that:

(1) Catch from an individual haul is not mixed with catch from another haul prior to sampling by a NMFS-certified observer, and all catch is made available for sampling by a NMFS-certified observer;

(2) The vessel is in compliance with the observer coverage requirements described at § 679.50(c)(6)(ii);

(3) *Operational Line.* The vessel has no more than one operational line or other conveyance for the mechanized movement of catch at the location where the observer collects species composition samples; and

(4) The requirements in § 679.93(c)(5), (8), and (9) are met.

(e) *Catch accounting*—(1) *Amendment 80 species*—(i) *Amendment 80 cooperative.* All Amendment 80 species caught in the BSAI, including catch in adjacent waters open by the State of Alaska for which it adopts a Federal fishing season, by an Amendment 80 vessel assigned to an Amendment 80 cooperative will be debited from the CQ permit for that Amendment 80 cooperative for that calendar year unless that Amendment 80 vessel is using dredge gear while directed fishing for scallops.

(ii) *Amendment 80 limited access fishery.* All Amendment 80 species caught in the BSAI, including catch in adjacent waters open by the State of Alaska for which it adopts a Federal fishing season, by an Amendment 80 vessel assigned to the Amendment 80 limited access fishery will be debited against the ITAC for that Amendment 80 species in the Amendment 80 limited access fishery for that calendar year unless that Amendment 80 vessel is using dredge gear while directed fishing for scallops.

(2) *Crab PSC and halibut PSC*—(i) *Amendment 80 cooperative.* All crab PSC or halibut PSC used by an Amendment 80 vessel assigned to an Amendment 80 cooperative in the BSAI, including crab PSC or halibut PSC used in the adjacent waters open by the State of Alaska for which it adopts a Federal fishing season, will be debited against the CQ permit for that Amendment 80 coopera-

tive for that calendar year unless that Amendment 80 vessel is using dredge gear while directed fishing for scallops.

(ii) *Amendment 80 limited access fishery.* All crab PSC or halibut PSC used by an Amendment 80 vessel assigned to the Amendment 80 limited access fishery in the BSAI, including crab PSC or halibut PSC used in the adjacent waters open by the State of Alaska for which it adopts a Federal fishing season, will be debited against the crab PSC or halibut PSC limit assigned to the Amendment 80 limited access fishery for that calendar year, unless that Amendment 80 vessels is using dredge gear while directed fishing for scallops.

(3) *GOA groundfish sideboard limits.* All Amendment 80 sideboard species defined in Table 37 to this part caught in the GOA, including catch in adjacent waters open by the State of Alaska for which it adopts a Federal fishing season, by an Amendment 80 vessel will be debited against the Amendment 80 sideboard limit for that Amendment 80 sideboard species for that calendar year except Amendment 80 sideboard species caught by Amendment 80 vessel using dredge gear while directed fishing for scallops.

(4) *GOA halibut sideboard limits.* All halibut PSC used by all Amendment 80 vessels in the GOA, including halibut PSC used in the adjacent waters open by the State of Alaska for which it adopts a Federal fishing season, will be debited against the sideboard limit established for the Amendment 80 sector, except:

(i) Halibut PSC CQ used by the catcher/processor sector in the Rockfish Program in the Central GOA;

(ii) Halibut PSC used by the fishing vessel GOLDEN FLEECE (USCG Documentation number 609951); and

(iii) Halibut PSC used by an Amendment 80 vessel using dredge gear while directed fishing for scallops.

§ 679.94 Economic data report (EDR) for the Amendment 80 sector.

(a) *Amendment 80 EDR*—(1) *Requirement to submit an EDR.* Each year except 2008, a person who held an Amendment 80 QS permit during a calendar year must submit to NMFS an EDR for

that calendar year for each Amendment 80 QS permit held by that person. An EDR must be timely and complete.

(2) *Submission of EDR.* An EDR may only be submitted to NMFS using any one of the following methods:

(i) *Mail:* NMFS, Alaska Fisheries Science Center, Economic Data Reports, 7600 Sand Point Way NE, F/ AKC2, Seattle, WA 98115; or

(ii) *Fax:* 206-526-6723

(3) *EDR forms.* EDR forms are available through the Internet on the NMFS Alaska Region Web site at <http://www.fakr.noaa.gov>, or by contacting NMFS at 206-526-6414.

(4) *Deadline.* For each calendar year except 2008, a completed EDR must be received by NMFS no later than 1700 hours A.l.t. on June 1 of the year following the calendar year during which the Amendment 80 QS permit was held, or if sent by U.S. mail, postmarked by that date.

(5) *Contents of EDR.* An EDR must contain completed submissions for each data field required under paragraphs (b) and (c) of this section, as applicable, and the following information:

(i) *Calendar year of EDR.* Calendar year for which the EDR is being submitted;

(ii) *Amendment 80 QS holder information.* Name of company, partnership, other business entity, business telephone number, business fax number, e-mail address (if available) and Amendment 80 QS permits held;

(iii) *Designated representative.* An Amendment 80 QS holder must appoint an individual to be his designated representative and must ensure that the designated representative complies with the regulations in this section. The designated representative is the primary contact person for NMFS on issues relating to data required in the EDR. If an individual Amendment 80 QS holder chooses to complete the EDR, then they are the designated representative;

(iv) *Person completing this report.* (A) Indicate whether the person completing this report is the Amendment 80 QS holder, or the designated representative for the Amendment 80 QS holder;

(B) Record the name of the person completing the report, title, business telephone number, fax number, signature of the person submitting the EDR, and e-mail address (if available). If a designated representative is not the Amendment 80 QS holder, written authorization to act on behalf of the Amendment 80 QS holder must accompany the EDR;

(v) *Amendment 80 QS holders who own Amendment 80 vessels.* An Amendment 80 QS holder who is an Amendment 80 vessel owner must submit, or have his designated representative submit, revenue and cost information for each Amendment 80 QS permit held and each Amendment 80 vessel owned by that Amendment 80 QS holder as described under paragraphs (b) and (c) of this section;

(vi) *Amendment 80 QS holders who do not own Amendment 80 vessels.* An Amendment 80 QS holder who is not an Amendment 80 vessel owner must submit, or have his designated representative submit, revenue and cost information for each Amendment 80 QS permit held by that Amendment 80 QS holder as described under paragraph (c) of this section; and

(vii) *Certification.* The Amendment 80 QS holder and his designated representative, if applicable, must certify that all information provided under paragraphs (b) and (c) of this section is accurate and complete.

(b) *Amendment 80 vessel information—*
(1) *Ownership of an Amendment 80 vessel.* If a person owned any part of an Amendment 80 vessel during a calendar year, that person must provide the following information for each Amendment 80 vessel owned:

(i) *Amendment 80 vessel owner information.* Vessel name, USCG Documentation number, ADF&G vessel registration number, ADF&G processor code, Amendment 80 LLP license number(s) which designated that vessel during that calendar year, Amendment 80 QS permit assigned to that vessel during that calendar year, Amendment 80 limited access fishery permit number assigned to that vessel during that calendar year, or name of Amendment 80 cooperative to which that Amendment 80 vessel was assigned during that calendar year (if applicable);

(ii) *Amendment 80 vessel operator information.* If a person other than the Amendment 80 QS holder operated an Amendment 80 vessel owned by that Amendment 80 QS holder during a calendar year, provide the following: Name of company, partnership, other business entity, and business telephone number, business fax number, and e-mail address (if available);

(2) *Vessel characteristics.* (i) Home port, U.S. gross registered tonnage, net tonnage, length overall, beam, shaft horsepower, fuel capacity, year built;

(ii) Vessel survey value: most recent survey value, date of last survey value, did survey reflect value of permits and processing equipment;

(iii) Freezing capacity: maximum freezing capacity of this vessel in pounds per hour and freezer space (measured in pounds of product);

(iv) Fuel consumption: total consumption for the calendar year and average fuel consumed per hour from fishing and processing, transiting, and in shipyard.

(v) Vessel activity during calendar year: number of days the vessel was engaged in fishing, processing, steaming empty, offloading, and inactive or in shipyard. Report separately for Amendment 80 fisheries and all other fisheries; and

(vi) Processing capacity: Record each type of product processed on the line in the Amendment 80 fishery, the number of processing lines of similar type (equipment and/or product mix), and the vessel's maximum average throughput in pounds (round weight) per hour under normal operating conditions (assuming quantity of raw fish and other inputs is not limiting), totaled over all processing lines of this type.

(3) *Calendar year revenues.*

(i) Total fishery product sales volume and FOB Alaska revenue; and

(ii) All other income derived from vessel operations: tendering, charters, cargo transport, etc.

(4) *Calendar year costs.* (i) Fishing labor expenses (including bonuses and payroll taxes, but excluding benefits and insurance);

(ii) Processing labor expenses (including bonuses and payroll taxes, but excluding benefits and insurance);

(iii) Labor expenses for all other employees aboard the vessel;

(iv) Food and provisions not paid by crew;

(v) Recruitment, travel, benefits, and other employee related costs;

(vi) Lease expense for this vessel and onboard equipment;

(vii) Purchases of fishing gear (nets, net electronics, doors, cables, etc.);

(viii) Expenditures on processing equipment;

(ix) Product storage equipment;

(x) Expenditures on vessel and onboard equipment (other than fishing, processing, or storage equipment);

(xi) Fishing gear leases;

(xii) Repair and maintenance expenses for vessel and processing equipment;

(xiii) Freight storage and other sales costs;

(xiv) Product packaging materials;

(xv) Fuel and lubrication;

(xvi) Observer fees and monitoring costs;

(xvii) General administrative costs;

(xviii) Insurance;

(xix) Fisheries landing taxes;

(xx) Total raw fish purchases; and

(xxi) All other costs related to vessel operations not included in the preceding list.

(5) *Calendar year labor.* Average number and total number of employees for fishing, processing, and other activities on this vessel.

(i) Average number of hours worked per day by processing line employee; and

(ii) Crew revenue share system used for some processing, all processing, some non-processing, and all non-processing crew.

(c) *Permit revenues or expenditures.* An Amendment 80 QS holder or his designated representative will record revenues and expenditures for any tradable fishing or processing privilege. Attribute those revenues or costs to a specific Amendment 80 vessel or Amendment 80 LLP as applicable.

(1) *Permit revenues.* (i) Income from sale or lease of fishery licenses, permits, harvesting or processing rights; record license or permit number and revenue for each asset sold; and

(ii) Royalties received from leasing allocations including metric tons and

dollars for Amendment 80 yellowfin sole, rock sole, flathead sole, Atka mackerel, Pacific ocean perch, Pacific cod, Amendment 80 leased halibut PSC, leased crab PSC, and any other species leased.

(2) *Permit expenditures.* (i) Fishery licenses, permits, harvesting or processing rights: record license or permit number and cost for each asset purchased;

(ii) Royalties paid for leases of catcher/processing quota, including metric tons, and dollars for Amendment 80 yellowfin sole, rock sole, flathead sole, Atka mackerel, Pacific ocean perch, Pacific cod, Amendment 80 leased halibut PSC, leased king crab PSC, and any other species leased;

(iii) Cooperative costs including lawyer and accountant costs, association fees, and other fees charged by harvest cooperative; and

(iv) Any other costs incurred from the use of fishery licenses, permits, harvesting or processing rights not included in the preceding list.

(d) *EDR audit procedures.* (1) NMFS will conduct verification of information with the Amendment 80 QS holder or designated representative, if applicable.

(2) The Amendment 80 QS holder or designated representative, if applicable, must respond to inquiries by NMFS within 20 days of the date of issuance of the inquiry.

(3) The Amendment 80 QS holder or designated representative, if applicable, must provide copies of additional data to facilitate verification by NMFS. The NMFS auditor may review and request copies of additional data provided by the Amendment 80 QS holder or designated representative, including but not limited to, previously audited or reviewed financial statements, worksheets, tax returns, invoices, receipts, and other original documents substantiating the data submitted.

APPENDIX A TO PART 679—PERFORMANCE AND TECHNICAL REQUIREMENTS FOR SCALES USED TO WEIGH CATCH AT SEA IN THE GROUND FISH FISHERIES OFF ALASKA

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1. Introduction

(a) This appendix to part 679 contains the performance and technical requirements for scales to be approved by NMFS for use to weigh, at sea, catch from the groundfish fisheries off Alaska. The performance and technical requirements in this document have not been reviewed or endorsed by the National Conference on Weights and Measures. Regulations implementing the requirements of this appendix and additional requirements for and with respect to scales used to weigh catch at sea are found at 50 CFR 679.28(b).

(b) Revisions, amendments, or additions to this appendix may be made after notice and opportunity for public comments. Send requests for revisions, amendments, or additions to the Sustainable Fisheries Division, Alaska Region, NMFS, P.O. Box 21668, Juneau, AK 99802.

(c) *Types of Scales Covered by Appendix*—This appendix contains performance and technical requirements for belt, automatic hopper, platform, and hanging scales.

(d) *Testing and Approval of Scales Used to Weigh Catch at Sea*—Scales used to weigh catch at sea are required to comply with four categories of performance and technical requirements: (1) Type evaluation; (2) initial inspection after installation while the vessel is tied up at a dock and is not under power at sea; (3) annual reinspection while the vessel is tied up at a dock and is not under power at sea; and (4) daily at-sea tests of the scale's accuracy. This appendix contains only the performance and technical requirements for type evaluation and initial and annual reinspections by an authorized scale inspector.

2. Belt Scales

2.1 *Applicability*. The requirements in this section apply to a scale or scale system that employs a conveyor belt in contact with a weighing element to determine the weight of

a bulk commodity being conveyed across the scale.

2.2 Performance Requirements—2.2.1 Maximum Permissible Errors. For laboratory tests of a scale and initial inspections and annual reinspections of an installed scale when the vessel is tied up at a dock and is not under power at sea, the following maximum permissible errors (MPes) are specified:

2.2.1.1 Laboratory Tests. See annex A to this appendix A for procedures for disturbance tests and influence factors.

a. Disturbances. ± 0.18 percent of the weight of the load totalized.

b. Influence Factors. ± 0.25 percent of the weight of the load totalized.

c. Temperature Effect at Zero Flow Rate. The difference between the values obtained at zero flow rate taken at temperatures that differ by 10°C $\pm 0.2^{\circ}\text{C}$ must not be greater than 0.035 percent of the weight of the load totalized at the maximum flow-rate for the time of the test.

2.2.1.2 Zero Load Tests. For zero load tests conducted in a laboratory or on a scale installed on a vessel and conducted when the vessel is tied up at a dock and not under power at sea, ± 0.1 percent of the value of the minimum totalized load or 1 scale division (d), whichever is greater.

2.2.1.3 Material Tests. For material tests conducted in a laboratory or on a scale installed on a vessel and conducted when the vessel is tied up at a dock and not under power at sea, ± 1.0 percent of the known weight of the test material.

2.2.2 Minimum Flow Rate (Q_{\min}). The minimum flow rate must be specified by the manufacturer and must not be greater than 35 percent of the rated capacity of the scale in kilograms per hour (kg/hr) or metric tons per hour (mt/hr).

2.2.3 Minimum Totalized Load (Σ_{\min}). The minimum totalized load must not be less than the greater of—

a. Two percent of the load totalized in 1 hour at the maximum flow rate;

b. The load obtained at the maximum flow rate in 1 revolution of the belt; or

c. A load equal to 800 scale divisions (d).

2.2.4 Influence Quantities. The following requirements apply to influence factor tests conducted in the laboratory.

2.2.4.1 Temperature. A belt scale must comply with the performance and technical requirements at a range of temperatures from -10°C to $+40^{\circ}\text{C}$. However, for special applications the temperature range may be different, but the range must not be less than 30°C and must be so specified on the scale's descriptive markings.

2.2.4.2 Power Supply. A belt scale must comply with the performance and technical requirements when operated within a range of -15 percent to $+10$ percent of the power supply specified on the scale's descriptive markings.

2.3.1 Technical Requirements.

2.3.1 Indicators and Printers.

2.3.1.1 General. A belt scale must be equipped with an indicator capable of displaying both the weight of fish in each haul or set and the cumulative weight of all fish or other material weighed on the scale between annual inspections ("the cumulative weight"), a rate of flow indicator, and a printer. The indications and printed representations must be clear, definite, accurate, and easily read under all conditions of normal operation of the belt scale.

2.3.1.2 Values Defined. If indications or printed representations are intended to have specific values, these must be defined by a sufficient number of figures, words, or symbols, uniformly placed with reference to the indications or printed representations and as close as practicable to the indications or printed representations but not so positioned as to interfere with the accuracy of reading.

2.3.1.3 Units. The weight of each haul or set must be indicated in kilograms, and the cumulative weight must be indicated in either kilograms or metric tons and decimal subdivisions.

2.3.1.4 Value of the Scale Division. The value of the scale division (d) expressed in a unit of weight must be equal to 1, 2, or 5, or a decimal multiple or sub-multiple of 1, 2, or 5.

2.3.1.5 Range of Indication. The range of the weight indications and printed values for each haul or set must be from 0 kg to 999,999 kg and for the cumulative weight must be from 0 to 99,999 metric tons.

2.3.1.6 Resettable and Non-resettable Values. The means to indicate the weight of fish in each haul or set must be resettable to zero. The means to indicate the cumulative weight must not be resettable to zero without breaking a security means and must be reset only upon direction of NMFS or an authorized scale inspector.

2.3.1.7 Rate of Flow Indicator. Permanent means must be provided to produce an audio or visual signal when the rate of flow is less than the minimum flow rate or greater than 98 percent of the maximum flow rate.

2.3.1.8 Printed Information. The information printed must include—

a. For catch weight:

i. The vessel name;

ii. The Federal fisheries or processor permit number of the vessel;

iii. The haul or set number;

iv. The total weight of catch in each haul or set;

v. The total cumulative weight of all fish or other material weighed on the scale; and

vi. The date and time the information is printed.

b. For the audit trail:

i. The vessel name;

ii. The Federal fisheries or processor permit number of the vessel;

iii. The date and time (to the nearest minute) that the adjustment was made;

iv. The name or type of adjustment being made; and

v. The initial and final values of the parameter being changed.

2.3.1.9 Permanence of Markings. All required indications, markings, and instructions must be distinct and easily readable and must be of such character that they will not tend to become obliterated or illegible.

2.3.1.10 Power Loss. In the event of a power failure, means must be provided to retain in a memory the weight of fish in each haul or set for which a printed record has not yet been made, the cumulative weight, and the information on the audit trail.

2.3.1.11 Adjustable Components. An adjustable component that when adjusted affects the performance or accuracy of the scale must be held securely in position and must not be capable of adjustment without breaking a security means unless a record of the adjustment is made on the audit trail described in 2.3.1.12.

2.3.1.12 Audit Trail. An audit trail in the form of an event logger must be provided to document changes made using adjustable components. The following information must be provided in an electronic form that cannot be changed or erased by the scale operator, can be printed at any time, and can be cleared by the scale manufacturer's representative upon direction by NMFS or by an authorized scale inspector:

a. The date and time (to the nearest minute) of the change;

b. The name or type of adjustment being made; and

c. The initial and final values of the parameter being changed.

2.3.1.13 Adjustments to Scale Weights. The indicators and printer must be designed so that the scale operator cannot change or adjust the indicated and printed weight values.

2.3.2 Weighing Elements.

2.3.2.1 Speed Measurement. A belt scale must be equipped with means to accurately sense the belt travel and/or speed whether the belt is loaded or empty.

2.3.2.2 Conveyor Belt. The weight per unit length of the conveyor belt must be practically constant. Belt joints must be such that there are no significant effects on the weighing results.

2.3.2.3 Overload Protection. The load receiver must be equipped with means so that an overload of 150 percent or more of the capacity does not affect the metrological characteristics of the scale.

2.3.2.4 Speed Control. The speed of the belt must not vary by more than 5 percent of the nominal speed.

2.3.2.5 Adjustable Components. An adjustable component that can affect the performance of the belt scale must be held securely

in position and must not be capable of adjustment without breaking a security means.

2.3.2.6 Motion Compensation. A belt scale must be equipped with automatic means to compensate for the motion of a vessel at sea so that the weight values indicated are within the MPEs. Such means shall be a reference load cell and a reference mass weight or other equally effective means. When equivalent means are utilized, the manufacturer must provide NMFS with information demonstrating that the scale can weigh accurately at sea.

2.3.3 Installation Conditions. A belt scale must be rigidly installed in a level condition.

2.3.4 Marking. A belt scale must be marked with the—

a. Name, initials, or trademark of the manufacturer or distributor;

b. Model designation;

c. Non-repetitive serial number;

d. Maximum flow rate (Q_{max});

e. Minimum flow rate (Q_{min});

f. Minimum totalized load (Σmin);

g. Value of a scale division (d);

h. Belt speed;

i. Weigh length;

j. Maximum capacity (Max);

k. Temperature range (if applicable); and

l. Mains voltage.

2.3.4.1 Presentation. The markings must be reasonably permanent and of such size, shape, and clarity to provide easy reading in normal conditions of use. They must be grouped together in a place visible to the operator.

2.4 Tests.

2.4.1 Minimum Test Load. The minimum test load must be the greater of—

a. 2 percent of the load totalized in 1 hour at the maximum flow rate;

b. The load obtained at maximum flow rate in one revolution of the belt; or

c. A load equal to 800 scale divisions.

2.4.2 Laboratory Tests.

2.4.2.1 Influence Quantity and Disturbance Tests. Tests must be conducted according to annex A and the results of these tests must be within the values specified in section 2.2.1.1.

2.4.2.2 Zero-Load Tests. A zero-load test must be conducted for a time equal to that required to deliver the minimum totalized load ("min). At least two zero-load tests must be conducted prior to a material test. The results of these tests must be within the values specified in section 2.2.1.2.

2.4.2.3 Material Tests. At least one material test must be conducted with the weight of the material or simulated material equal to or greater than the minimum test load. The results of these tests must be within the values specified in section 2.2.1.3.

2.4.3 Annual Inspections.

2.4.3.1 Zero-Load Tests. A zero-load test must be conducted for a time equal to that required to deliver the minimum totalized

load (Σ min). At least one zero-load test must be conducted prior to each material test. The results of this test must be within the values specified in section 2.2.1.2.

2.4.3.2 *Material Tests.* At least one material or simulated material test must be conducted with the weight of the material or simulated material equal to or greater than the minimum test load. The results of these tests must be within the values specified in section 2.2.1.3.

3. Automatic Hopper Scales

3.1 *Applicability.* The requirements in this section apply to a scale or scale system that is designed for automatic weighing of a bulk commodity in predetermined amounts.

3.2 Performance Requirements.

3.2.1 *Maximum Permissible Errors.* For laboratory tests of a scale and initial inspection and annual reinspections of an installed scale when the vessel is tied up at a dock and is not under power at sea, the following MPEs are specified:

3.2.1.1 *Laboratory Tests.* See annex A to appendix A for procedures for disturbance test and influence factors.

a. *Disturbances.* Significant fault (sf) (\pm scale division).

b. *Influence Factors.* ± 1 percent of test load.

3.2.1.2 *Increasing and Decreasing Load Tests.* For increasing and decreasing load tests conducted in a laboratory or on a scale installed on a vessel tied up at a dock and not under power at sea, ± 1.0 percent of the test load.

3.2.2 *Minimum Weighment (Σ min).* The minimum weighment must not be less than 20 percent of the weighing capacity, or a load equal to 100 scale intervals (d), except for the final weighment of a lot.

3.2.3 *Minimum Totalized Load (Lot).* The minimum totalized load must not be less than 4 weighments.

3.2.4 *Influence Quantities.* The following requirements apply to influence factor tests conducted in the laboratory:

3.2.4.1 *Temperature.* A hopper scale must comply with the metrological and technical requirements at temperatures from -10°C to $+40^{\circ}\text{C}$. However, for special applications the temperature range may be different, but the range must not be less than 30°C and must be so specified on the scale's descriptive markings.

3.2.4.1.1 *Operating Temperature.* A hopper scale must not display or print any usable weight values until the operating temperature necessary for accurate weighing and a stable zero-balance condition have been attained.

3.2.4.2 *Power Supply.* A hopper scale must comply with the performance and technical requirements when operated within -15 percent to $+10$ percent of the power supply specified on the scale's descriptive markings.

3.3 Technical Requirements.

3.3.1 Indicators and Printers.

3.3.1.1 *General.* a. A hopper scale must be equipped with an indicator and printer that indicates and prints the weight of each load and a no-load reference value; and a printer that prints the total weight of fish in each haul or set and the total cumulative weight of all fish and other material weighed on the scale between annual inspections ("the cumulative weight"). The indications and printed information must be clear, definite, accurate, and easily read under all conditions of normal operation of the hopper scale.

b. A no-load reference value may be a positive or negative value in terms of scale divisions or zero. When the no-load reference value is zero, the scale must return to a zero indication (within ± 0.5 scale division) when the load receptor (hopper) is empty following the discharge of all loads, without the intervention of either automatic or manual means.

3.3.1.2 *Values Defined.* If indications or printed representations are intended to have specific values, these must be defined by a sufficient number of figures, words, or symbols, uniformly placed with reference to the indications or printed representations and as close as practicable to the indications or printed representations but not so positioned as to interfere with the accuracy of reading.

3.3.1.3 *Units.* The weight of each haul or set must be indicated in kilograms, and the cumulative weight must be indicated in either kilograms or metric tons and decimal subdivisions.

3.3.1.4 *Value of the Scale Division.* The value of the scale division (d) expressed in a unit of weight must be equal to 1, 2, or 5, or a decimal multiple or sub-multiple of 1, 2, or 5.

3.3.1.5 *Weighing Sequence.* For hopper scales used to receive (weigh in), the no-load reference value must be determined and printed only at the beginning of each weighing cycle. For hopper scales used to deliver (weigh out), the no-load reference value must be determined and printed only after the gross-load weight value for each weighing cycle has been indicated and printed.

3.3.1.6 *Printing Sequence.* Provision must be made so that all weight values are indicated until the completion of the printing of the indicated values.

3.3.1.7 *Printed Information.* The information printed must include—

- a. For catch weight:
 - i. The vessel name;
 - ii. The Federal fisheries or processor permit number of the vessel;
 - iii. The haul or set number;
 - iv. The total weight of catch in each haul or set;
 - v. The total cumulative weight of all fish or other material weighed on the scale; and

vi. The date and time the information is printed.

b. For the audit trail:

- i. The vessel name;
- ii. The Federal fisheries or processor permit number of the vessel;
- iii. The date and time (to the nearest minute) of the change;
- iv. The name or type of adjustment being made; and
- v. The initial and final values of the parameter being changed.

3.3.1.8 *Permanence of Markings.* All required indications, markings, and instructions must be distinct and easily readable and must be of such character that they will not tend to become obliterated or illegible.

3.3.1.9 *Range of Indication.* The range of the weight indications and printed values for each haul or set must be from 0 kg to 999,999 kg and for the cumulative weight must be from 0 to 99,999 metric tons.

3.3.1.10 *Non-Resetable Values.* The cumulative weight must not be resettable to zero without breaking a security means and must be reset only upon direction by NMFS or by an authorized scale inspector.

3.3.1.11 *Power Loss.* In the event of a power failure, means must be provided to retain in a memory the weight of fish in each haul or set for which a printed record has not yet been made, the cumulative weight, and the information on the audit trail described in 3.3.1.13.

3.3.1.12 *Adjustable Components.* An adjustable component that, when adjusted, affects the performance or accuracy of the scale must not be capable of adjustment without breaking a security means, unless a record of the adjustment is made on the audit trail described in 3.3.1.13.

3.3.1.13 *Audit Trail.* An audit trail in the form of an event logger must be provided to document changes made using adjustable components. The following information must be provided in an electronic form that cannot be changed or erased by the scale operator, can be printed at any time, and can be cleared by the scale manufacturer's representative upon direction of NMFS or by an authorized scale inspector:

- a. The date and time (to the nearest minute) of the change;
- b. The name or type of adjustment being made; and
- c. The initial and final values of the parameter being changed.

3.3.1.14 *Zero-Load Adjustment.* A hopper scale must be equipped with a manual or semi-automatic means that can be used to adjust the zero-load balance or no-load reference value.

3.3.1.14.1 *Manual.* A manual means must be operable or accessible only by a tool outside of, or entirely separate from, this mechanism or enclosed in a cabinet.

3.3.1.14.2 *Semi-Automatic.* A semi-automatic means must be operable only when the indication is stable within ± 1 scale division and cannot be operated during a weighing cycle (operation).

3.3.1.15 *Damping Means.* A hopper scale must be equipped with effective automatic means to bring the indications quickly to a readable stable equilibrium. Effective automatic means must also be provided to permit the recording of weight values only when the indication is stable within plus or minus one scale division.

3.3.1.16 *Adjustments to Scale Weights.* The indicators and printer must be designed so that the scale operator cannot change or adjust the indicated and printed weight values.

3.3.2 *Interlocks and Gate Control.* A hopper scale must have operating interlocks so that—

- a. Product cannot be weighed if the printer is disconnected or subject to a power loss;
- b. The printer cannot print a weight if either of the gates leading to or from the weigh hopper is open;
- c. The low paper sensor of the printer is activated;
- d. The system will operate only in the sequence intended; and
- e. If the overfill sensor is activated, this condition is indicated to the operator and is printed.

3.3.3 *Overfill Sensor.* The weigh hopper must be equipped with an overfill sensor that will cause the feed gate to close, activate an alarm, and stop the weighing operation until the overfill condition has been corrected.

3.3.4 *Weighing Elements.*

3.3.4.1 *Overload Protection.* The weigh hopper must be equipped with means so that an overload of 150 percent or more of the capacity of the hopper does not affect the metrological characteristics of the scale.

3.3.4.2 *Adjustable Components.* An adjustable component that can affect the performance of the hopper scale must be held securely in position and must not be capable of adjustment without breaking a security means.

3.3.4.3 *Motion Compensation.* A hopper scale must be equipped with automatic means to compensate for the motion of a vessel at sea so that the weight values indicated are within the MPEs. Such means shall be a reference load cell and a reference mass weight or other equally effective means. When equivalent means are utilized, the manufacturer must provide NMFS with information demonstrating that the scale can weigh accurately at sea.

3.3.5 *Installation Conditions.* A hopper scale must be rigidly installed in a level condition.

3.3.6 *Marking.* A hopper scale must be marked with the following:

- a. Name, initials, or trademark of the manufacturer or distributor;
- b. Model designation;

- c. Non-repetitive serial number;
- d. Maximum capacity (Max);
- e. Minimum capacity (min);
- f. Minimum totalized load (Σ min);
- g. Minimum weightment;
- h. Value of the scale division (d);
- i. Temperature range (if applicable); and
- j. Mains voltage.

3.3.6.1 *Presentation.* Descriptive markings must be reasonably permanent and grouped together in a place visible to the operator.

3.4 Tests.

3.4.1 *Standards.* The error of the standards used must not exceed 25 percent of the MPE to be applied.

3.4.2 Laboratory Tests.

3.4.2.1 *Influence Quantity and Disturbance Tests.* Tests must be conducted according to annex A and the results of these tests must be within the values specified in section 3.2.1.1.

3.4.2.2 *Performance Tests.* Performance tests must be conducted as follows:

a. *Increasing load test.* At least five increasing load tests must be conducted with test loads at the minimum load, at a load near capacity, and at 2 or more critical points in between; and

b. *Decreasing load test.* A decreasing load test must be conducted with a test load approximately equal to one-half capacity when removing the test loads of an increasing load test.

3.4.3 Annual Inspections.

At least two increasing load tests and two decreasing load tests must be conducted as specified in 3.4.2.2. Additionally, tests must be conducted with test loads approximately equal to the weight of loads at which the scale is normally used.

4. Platform Scales and Hanging Scales

4.1 *Applicability.* The requirements in this section apply to platform and hanging scales used to weigh total catch. Platform scales used only as observer sampling scales or to determine the known weight of fish for a material test of another scale are not required to have a printer under sections 4.3.1 and 4.3.1.5 or an audit trail under section 4.3.1.8.

4.2 Performance Requirements.

4.2.1 *Maximum Permissible Errors.* For laboratory tests of a scale and initial inspection and annual reinspections of an installed scale while the vessel is tied up at a dock and is not under power at sea, the following MPEs are specified:

4.2.1.1 *Laboratory Tests.* See annex A to this appendix A for procedures for disturbance tests and influence factors.

a. *Disturbances.* Significant fault (± 1 scale division); and

b. *Influence Factors.* See Table 1 in section 4.2.1.2.

4.2.1.2 *Increasing and Decreasing Load and Shift Tests.* Increasing and decreasing load and shift tests conducted in a laboratory or

on a scale installed on a vessel while the vessel is tied up at a dock and is not under power at sea, see Table 1 as follows:

TABLE 1—INFLUENCE FACTORS

Test load in scale divisions (d)		Maximum permissible error (d)
Class III ¹	Class IIII	
0 < m ² ≤ 500	0 < m ≤ 50	0.5
500 < m ≤ 2000	50 < m ≤ 200	1.0
2000 < m	200 < m	1.5

¹ Scale accuracy classes are defined in section 4.2.2, table 2.

² Mass or weight of the test load in scale divisions.

4.2.2 *Accuracy Classes.* Scales are divided into two accuracy classes, class III and class IIII. The accuracy class of a scale is designated by the manufacturer. The design of each accuracy class with respect to number of scale divisions (n) and the value of the scale division (d) is specified according to table 2:

TABLE 2—ACCURACY CLASSES

Accuracy class	Value of scale division (d)	Number of scale divisions (n)	
		Minimum	Maximum
III	5 g or greater	500	10,000
IIII	5 g or greater	100	1,000

4.2.3 *Minimum Load.* For a Class III scale, 20d; for a Class IIII scale, 10d.

4.2.4 *Influence Quantities.* The following requirements apply to influence factor tests conducted in the laboratory.

4.2.4.1 *Temperature.* A scale must comply with the performance and technical requirements at temperatures from -10°C to $+40^{\circ}\text{C}$. However, for special applications the temperature range may be different, but the range must not be less than 30°C and must be so specified on the descriptive markings.

4.2.4.1.1 *Operating Temperature.* A scale must not display or print any usable weight values until the operating temperature necessary for accurate weighing and a stable zero-balance condition have been attained.

4.2.4.2 *Power Supply.* A scale must comply with the performance and technical requirements when operated within -15 percent to $+10$ percent of the power supply specified on the scale's descriptive markings.

4.3 Technical Requirements.

4.3.1 Indicators and Printers.

4.3.1.1 *General.* A scale must be equipped with an indicator and a printer. The indications and printed information must be clear, definite, accurate, and easily read under all conditions of normal operation of the scale.

4.3.1.2 *Values Defined.* If indications or printed representations are intended to have specific values, these must be defined by a

sufficient number of figures, words, or symbols, uniformly placed with reference to the indications or printed representations and as close as practicable to the indications or printed representations but not so positioned as to interfere with the accuracy of reading.

4.3.1.3 *Units.* The weight units indicated must be in terms of kilograms and decimal subdivisions.

4.3.1.4 *Value of the Scale Division.* The value of the scale division (d) expressed in a unit of weight must be equal to 1, 2, or 5, or a decimal multiple or sub-multiple of 1, 2, or 5.

4.3.1.5 *Printed Information.* The information printed must include—

- a. For catch weight:
 - i. The vessel name;
 - ii. The Federal fisheries or processor permit number of the vessel;
 - iii. The haul or set number;
 - iv. Net weight of the fish.
- b. For the audit trail:
 - i. The vessel name;
 - ii. The Federal fisheries or processor permit number of the vessel;
 - iii. The date and time (to the nearest minute) of the change;
 - iv. The name or type of adjustment being made; and
 - v. The initial and final values of the parameter being changed.

4.3.1.6 *Permanence of Markings.* All required indications, markings, and instructions must be distinct and easily readable and must be of such character that they will not tend to become obliterated or illegible.

4.3.1.7 *Power Loss.* In the event of a power failure, means must be provided to retain in a memory the weight of the last weighing if it is a non-repeatable weighing.

4.3.1.8 *Adjustable Components.*

- a. An adjustable component that, when adjusted, affects the performance or accuracy of the scale must be held securely in position and must not be capable of adjustment without breaking a security means.
- b. An audit trail in the form of an event logger must be provided to document changes made using adjustable components. The following information must be provided in an electronic form that cannot be changed or erased by the scale operator, can be printed at any time, and can be cleared by the scale manufacturer's representative upon direction of NMFS or an authorized scale inspector:
 - i. The date and time (to the nearest minute) of the change;
 - ii. The name or type of adjustment being made; and
 - iii. The initial and final values of the parameter being changed.

4.3.1.9 *Zero-Load Adjustment.* A scale must be equipped with a manual or semi-automatic means that can be used to adjust the zero-load balance or no-load reference value.

4.3.1.9.1 *Manual.* A manual means must be operable or accessible only by a tool outside of or entirely separate from this mechanism or enclosed in a cabinet.

4.3.1.9.2 *Semi-automatic.* A semi-automatic means must meet the provisions of 4.3.1.8 or must be operable only when the indication is stable within ± 1 scale division and cannot be operated during a weighing cycle (operation).

4.3.1.10 *Damping Means.* A scale must be equipped with effective automatic means to bring the indications quickly to a readable stable equilibrium. Effective automatic means must also be provided to permit the recording of weight values only when the indication is stable within plus or minus one scale division.

4.3.2 *Weighing Elements.*

4.3.2.1 *Overload Protection.* The scale must be so designed that an overload of 150 percent or more of the capacity does not affect the metrological characteristics of the scale.

4.3.2.2 *Adjustable Components.* An adjustable component that can affect the performance of the scale must be held securely in position and must not be capable of adjustment without breaking a security means.

4.3.2.3 *Motion Compensation.* A platform scale must be equipped with automatic means to compensate for the motion of a vessel at sea so that the weight values indicated are within the MPEs. Such means shall be a reference load cell and a reference mass weight or other equally effective means. When equivalent means are utilized, the manufacturer must provide NMFS with information demonstrating that the scale can weigh accurately at sea.

4.3.3 *Installation Conditions.* A platform scale must be rigidly installed in a level condition. When in use, a hanging scale must be freely suspended from a fixed support or a crane.

4.3.4 *Marking.* A scale must be marked with the following:

- a. Name, initials, or trademark of the manufacturer or distributor;
- b. Model designation;
- c. Non-repetitive serial number;
- d. Accuracy class (III or IIII);
- e. Maximum capacity (Max);
- f. Minimum capacity (min);
- g. Value of a scale division (d);
- h. Temperature range (if applicable); and
- i. Mains voltage.

4.3.4.1 *Presentation.* Descriptive markings must be reasonably permanent and grouped together in a place visible to the operator.

4.4 *Tests.*

4.4.1 *Standards.* The error of the standards used must not exceed 25 percent of the MPE applied.

4.4.2 *Laboratory Tests.*

4.4.2.1 *Influence Quantities and Disturbance Tests.* Tests must be conducted according to annex A to this appendix A, and the results

of these tests must be within the values specified in section 4.2.1.1.

4.4.2.2 Performance Tests. Performance tests must be conducted as follows:

a. *Increasing load test.* At least five increasing load tests must be conducted with test loads at the minimum load, at a load near capacity, and at 2 or more critical points in between.

b. *Shift test (platform scales only).* A shift test must be conducted during the increasing load test at one-third capacity test load centered in each quadrant of the platform.

c. *Decreasing load test.* A decreasing load test must be conducted with a test load approximately equal to one-half capacity when removing the test loads of an increasing load test.

4.4.3 Annual Scale Inspections.

At least two increasing load tests, shift tests, and decreasing load tests must be conducted as specified in section 4.4.2.2. Additionally tests must be conducted with test loads approximately equal to the weight of loads at which the scale is normally used. The results of all tests must be as specified in Table 1 in section 4.2.1.2.

5. Definitions

Adjustable component—Any component that, when adjusted, affects the performance or accuracy of the scale, e.g., span adjustment or automatic zero-setting means. Manual or semi-automatic zero-setting means are not considered adjustable components.

Audit trail—An electronic count and/or information record of the changes to the values of the calibration or configuration parameters of a scale.

Automatic hopper scale—A hopper scale adapted to the automatic weighing of a bulk commodity (fish) in predetermined amounts. Capacities vary from 20 kg to 50 mt. It is generally equipped with a control panel, with functions to be set by an operator, including the start of an automatic operation. (See definition of hopper scale).

Belt scale—A scale that employs a conveyor belt in contact with a weighing element to determine the weight of a bulk commodity being conveyed. It is generally a part of a system consisting of an input conveyor, the flow scale, and an output conveyor. The conveyor belt may be constructed of various materials, including vulcanized rubber, canvas, and plastic. The capacity is generally specified in terms of the amount of weight that can be determined in a specified time, and can vary from, for example, 1 ton per hour to 100 or more tons per hour. An operator generally directs the flow of product onto the input conveyor.

Calibration mode—A means by which the span of a scale can be adjusted by placing a known "test weight" on the scale and manually operating a key on a key board.

Disturbances—An influence that may occur during the use of a scale but is not within the rated operating conditions of the scale.

Event logger—A form of audit trail containing a series of records where each record contains the identification of the parameter that was changed, the time and date when the parameter was changed, and the new value of the parameter.

Final weighment—The last partial load weighed on a hopper scale that is part of the weight of many loads.

Hanging scale—A scale that is designed to weigh a load that is freely suspended from an overhead crane or it may be permanently installed in an overhead position. The load receiver may be a part of the scale such as a pan suspended on chains, or simply a hook that is used to "pick-up" the container of the commodity to be weighed. The technology employed may be mechanical, electro-mechanical, or electronic. The loads can be applied either manually or by such means as a crane.

Hopper scale—A scale designed for weighing individual loads of a bulk commodity (fish). The load receiver is a cylindrical or rectangular container mounted on a weighing element. The weighing element may be mechanical levers, a combination of levers and a load cell, or all load cells. The capacity can vary from less than 20 kg to greater than 50 mt. The loads are applied from a bulk source by such means as a conveyor or storage hopper. Each step of the weighing process, that is the loading and unloading of the weigh hopper, is controlled by an operator.

Indicator—That part of a scale that indicates the quantity that is being weighed.

Influence factor—A value of an influence quantity, e.g., 10°, that specifies the limits of the rated operating conditions of the scale.

Influence quantity—A quantity that is not the subject of the measurement but which influences the measurement obtained within the rated operating conditions of the scale.

Influence quantity and disturbance tests—Tests conducted in a laboratory to determine the capability of the scale under test to perform correctly in the environmental influences in which they are used and when subjected to certain disturbances that may occur during the use of the scale.

Initial verification—The first evaluation (inspection and test) of a production model of a weighing instrument that has been type evaluated to determine that the production model is consistent with the model that had been submitted for type evaluation.

Known weight test—A test in which the load applied is a test weight with a known value simulating the weight of the material that is usually weighed.

Load receiver—That part of the scale in which the quantity is placed when being weighed.

Material test—A test using a material that is the same or similar to the material that is usually weighed, the weight of which has been determined by a scale other than the scale under test.

Maximum flow-rate—The maximum flow-rate of material specified by the manufacturer at which a belt scale can perform correctly.

Minimum flow-rate—The minimum flow-rate specified by the manufacturer at which a belt scale can perform correctly.

Minimum load—The smallest weight load that can be determined by the scale that is considered to be metrologically acceptable.

Minimum totalized load—The smallest weight load that can be determined by a belt scale that is considered to be metrologically acceptable.

Minimum weightment—The smallest weight that can be determined by a hopper scale that is considered to be metrologically acceptable.

Motion compensation—The means used to compensate for the motion of the vessel at sea.

No-load reference value—A weight value obtained by a hopper scale when the load receiver (hopper) is empty of the product that was or is to be weighed.

Non-repeatable weightment—A process where the product after being weighed is disposed of in such a manner that it cannot be retrieved to be reweighed.

Number of scale divisions (n)—The number of scale divisions of a scale in normal operation. It is the quotient of the scale capacity divided by the value of the scale division. $n = \text{Max}/d$

Performance requirements—A part of the regulations or standards that applies to the weighing performance of a scale, e.g., MPEs.

Performance test—A test conducted to determine that the scale is performing within the MPE applicable.

Periodic verification—A verification of a weighing instrument at an interval that is specified by regulation or administrative ruling.

Platform scale—A scale by the nature of its physical size, arrangement of parts, and relatively small capacity (generally 220 kg or less) that is adapted for use on a bench or counter or on the floor. A platform scale can be self contained, that is, the indicator and load receiver and weighing elements are all comprised of a single unit, or the indicator can be connected by cable to a separate load receiver and weighing element. The technology used may be mechanical, electro-mechanical, or electronic. Loads are applied manually.

Rated capacity—The maximum flow-rate in terms of weight per unit time specified by the manufacturer at which a belt scale can perform correctly.

Scale division (d)—The smallest digital subdivision in units of mass that is indicated by the weighing instrument in normal operation.

Sealing—A method used to prevent the adjustment of certain operational characteristics or to indicate that adjustments have been made to those operational characteristics.

Security seals or means—A physical seal such as a lead and wire seal that must be broken in order to change the operating or performance characteristics of the scale, or a number generated by the scale whenever a change is made to an adjustable component. The number must be sequential and it must not be possible for the scale operator to alter it. The number must be displayed whenever the scale is turned on.

Significant fault—An error greater than the value specified for a particular scale. For a belt scale: A fault greater than 0.18 percent of the weight value equal to the minimum totalized load. For all other scales: 1 scale division (d). A significant fault does not include faults that result from simultaneous and mutually independent causes in the belt scale; faults that imply the impossibility of performing any measurement; transitory faults that are momentary variations in the indications that cannot be interpreted, memorized, or transmitted as a measurement result; faults so serious that they will inevitably be noticed by those interested in the measurement.

Simulated material test—A test in which the load applied is test material simulating the weight of the material that is usually weighed.

Simulated test—A test in which the weight indications are developed by means other than weight, e.g., a load cell simulator.

Stationary installation—An installation of a scale in a facility on land or a vessel that is tied-up to a dock or in dry dock.

Subsequent verification—Any evaluation of a weighing instrument following the initial verification.

Suitability for use—A judgement that must be made that certain scales by nature of their design are appropriate for given weighing applications.

Technical requirements—A part of the regulations or standards that applies to the operational functions and characteristics of a scale, e.g., capacity, scale division, tare.

Testing laboratory—A facility for conducting type evaluation examinations of a scale that can establish its competency and proficiency by such means as ISO Guide 25, ISO 9000, EN 45011, NVLAP, NTEP.

Type evaluation—A process for evaluating the compliance of a weighing instrument with the appropriate standard or regulation.

User requirements—A part of the regulations or standards that applies to the operator/owner of the scale.

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Weighment—A single complete weighing operation.

ANNEX A OF APPENDIX A TO PART 679— INFLUENCE QUANTITY AND DISTURBANCE TESTS

A.1 General—Included in this annex are tests that are intended to ensure that electronic scales can perform and function as intended in the environment and under the conditions specified. Each test indicates, where appropriate, the reference condition under which the intrinsic error is determined.

A.2 Test Considerations

A.2.1 All electronic scales of the same category must be subjected to the same performance test program.

A.2.2 Tests must be carried out on fully operational equipment in its normal operational state. When equipment is connected

in other than a normal configuration, the procedure must be mutually agreed to by NMFS and the applicant.

A.2.3 When the effect of one factor is being evaluated, all other factors must be held relatively constant, at a value close to normal. The temperature is deemed to be relatively constant when the difference between the extreme temperatures noted during the test does not exceed 5 °C and the variation over time does not exceed 5 °C per hour.

A.2.4 Before the start of a test, the equipment under test (EUT) must be energized for a period of time at least equal to the warm-up time specified by the manufacturer. The EUT must remain energized throughout the duration of the test.

A.3 Tests

Test	Characteristics under test	Conditions applied
A.3.1 Static temperatures	Influence factor	MPE
A.3.2 Damp heat, steady state	Influence factor	MPE
A.3.3 Power voltage variation	Influence factor	MPE
A.3.4 Short time power reduction	Disturbance	sf
A.3.5 Bursts	Disturbance	sf
A.3.6 Electrostatic discharge	Disturbance	sf
A.3.7 Electromagnetic susceptibility	Disturbance	sf

A.3 Tests

A.3.1 Static Temperatures

Test method: Dry heat (non condensing) and cold.

Object of the test: To verify compliance with the applicable MPE under conditions of high and low temperature.

Reference to standard: See Bibliography (1).

Test procedure in brief: The test consists of exposure of the EUT to the high and low temperatures specified in section 2.2.4.1 for belt scales, section 3.2.4.1 for automatic hopper scales, and section 4.2.3.1 for platform scales and hanging scales, under “free air” condition for a 2-hour period after the EUT has reached temperature stability. The EUT must be tested during a weighing operation consisting of:

For belt scales—the totalization of the Σ_{min} , 2 times each at approximately the minimum flow rate, an intermediate flow rate, and the maximum flow rate.

For platform, hanging, and automatic hopper scales—tested with at least five different test loads or simulated loads under the following conditions:

- At a reference temperature of 20 °C following conditioning.
- At the specified high temperature, 2 hours after achieving temperature stabilization.
- At the specified low temperature, 2 hours after achieving temperature stabilization.

d. At a temperature of 5° C, 2 hours after achieving temperature stabilization.

e. After recovery of the EUT at the reference temperature of 20 °C.

Test severities: Duration: 2 hours.

Number of test cycles: At least one cycle.

Maximum allowable variations:

- All functions must operate as designed.
- All indications must be within the applicable MPEs.

Conduct of test: Refer to the International Electrotechnical Commission (IEC) Publications mentioned in section A.4 Bibliography (a) for detailed test procedures.

Supplementary information to the IEC test procedures.

Preconditioning: 16 hours.

Condition of EUT: Normal power supplied and “on” for a time period equal to or greater than the warm-up time specified by the manufacturer. Power is to be “on” for the duration of the test. Adjust the EUT as close to a zero indication as practicable prior to the test.

Test Sequence:

- Stabilize the EUT in the chamber at a reference temperature of 20° C. Conduct the tests as specified in the test procedure in brief and record the following data:
 - Date and time,
 - Temperature,
 - Relative humidity,
 - Test load,

- v. Indication,
- vi. Errors, and
- vii. Functions performance.

b. Increase the temperature in the chamber to the high temperature specified. Check by measurement that the EUT has reached temperature stability and maintain the temperature for 2 hours. Following the 2 hours, repeat the tests and record the test data indicated in this A.3.1 Test Sequence section.

c. Reduce the temperature in the chamber as per the IEC procedures to the specified low temperature. After temperature stabilization, allow the EUT to soak for 2 hours. Following the 2 hours, repeat the tests and record the test data as indicated in this A.3.1 Test Sequence section.

d. Raise the temperature in the chamber as per the IEC procedures to 5 °C. After temperature stabilization, allow the EUT to soak for 2 hours. Following the 2 hours, repeat the tests and record the test data as indicated in this A.3.1 Test Sequence section. NOTE: This test relates to a –10° C to +40 °C range. For special ranges, it may not be necessary.

e. Raise the temperature in the chamber as per the IEC procedures and to the 20 °C reference temperature. After recovery, repeat the tests and record the test data as indicated in this A.3.1 Test Sequence section.

A.3.2 Damp Heat, Steady State

Test method: Damp heat, steady state.

Object of the test: To verify compliance with the applicable MPE under conditions of high humidity and constant temperature.

Reference to standard: See section A.4 Bibliography (b)

Test procedure in brief: The test consists of exposure of the EUT to a constant temperature at the upper limit of the temperature range and of a constant relative humidity of 85 percent for a 2-day period. The EUT must be tested during a weighing operation consisting of the following:

For belt scales—the totalization of the Σ_{\min} , 2 times each at approximately the minimum flow rate, an intermediate flow rate, and the maximum flow rate.

For platform, hanging, and automatic hopper scales—tested with at least five different test loads or simulated loads at a reference temperature of 20 °C and a relative humidity of 50 percent following conditioning, and at the upper limit temperature and a relative humidity of 85 percent 2 days following temperature and humidity stabilization.

Test severities:

Temperature: upper limit.
Humidity: 85 percent (non-condensing).
Duration: 2 days.
Number of test cycles: At least one test.

Maximum Allowable Variations:

- a. All functions must operate as designed.

- b. All indications must be within the applicable MPE.

Conduct of the test: Refer to the IEC Publications mentioned in section A.4 Bibliography (b) for detailed test procedures.

Supplementary information to the IEC test procedures.

Preconditioning: None required.

Condition of EUT:

- a. Normal power supplied and “on” for a time period equal to or greater than the warm-up time specified by the manufacturer. Power is to be “on” for the duration of the test.

- b. The handling of the EUT must be such that no condensation of water occurs on the EUT.

- c. Adjust the EUT as close to a zero indication as practicable prior to the test.

Test Sequence:

- a. Allow 3 hours for stabilization of the EUT at a reference temperature of 20 °C and a relative humidity of 50 percent. Following stabilization, conduct the tests as specified in the test procedures in brief and record the following data:

- i. Date and time,
- ii. Temperature,
- iii. Relative humidity,
- iv. Test load,
- v. Indication,
- vi. Errors, and
- vii. Functions performance.

- b. Increase the temperature in the chamber to the specified high temperature and a relative humidity of 85 percent. Maintain the EUT at no load for a period of 2 days. Following the 2 days, repeat the tests and record the test data as indicated in this A.3.2 Test Sequence section.

- c. Allow full recovery of the EUT before any other tests are performed.

A.3.3 Power Voltage Variation

A.3.3.1 AC Power Supply

Test method: Variation in AC mains power supply (single phase).

Object of the test: To verify compliance with the applicable MPEs under conditions of varying AC mains power supply.

Reference to standard: See section A.4 Bibliography (c).

Test procedure in brief: The test consists of subjecting the EUT to AC mains power during a weighing operation consisting of the following:

For belt scales—while totalizing the Σ_{\min} at the maximum flow rate.

For platform, hanging, and automatic hopper scales—at no load and a test load between 50 percent and 100 percent of weighing capacity.

Test severities: Mains voltage:

Upper limit U (nom) +10 percent.

Lower limit U (nom) –15 percent.

Number of test cycles: At least one cycle.

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Maximum allowable variations:

- a. All functions must operate correctly.
- b. All indications must be within MPEs specified in sections 2, 3, or 4 of this appendix to part 679.

Conduct of the test:

Preconditioning: None required.

Test equipment:

- a. Variable power source,
- b. Calibrated voltmeter, and
- c. Load cell simulator, if applicable.

Condition of EUT:

- a. Normal power supplied and “on” for a time period equal to or greater than the warm-up time specified by the manufacturer.
- b. Adjust the EUT as close to a zero indication as practicable prior to the test.

Test sequence:

- a. Stabilize the power supply at nominal voltage ± 2 percent.
- b. Conduct the tests specified in the test procedure in brief and record the following data:
 - i. Date and time,
 - ii. Temperature,
 - iii. Relative humidity,
 - iv. Power supply voltage,
 - v. Test load,
 - vi. Indications,
 - vii. Errors, and
 - viii. Functions performance.
- c. Reduce the power supply to -15 percent nominal.
- d. Repeat the test and record the test data as indicated in this A.3.3 Test Sequence section.
- e. Increase the power supply to $+10$ percent nominal.
- f. Repeat the test and record the test data as indicated in this A.3.3 Test Sequence section.
- g. Unload the EUT and decrease the power supply to nominal power ± 2 percent.
- h. Repeat the test and record the test data as indicated in this A.3.3 Test Sequence section.

NOTE: In case of three-phase power supply, the voltage variation must apply for each phase successively. Frequency variation applies to all phases simultaneously.

A.3.3.2 DC Power Supply

Under consideration.

A.3.4 Short Time Power Reduction

Test method: Short time interruptions and reductions in mains voltage.

Object of the test: To verify compliance with the applicable significant fault under conditions of short time mains voltage interruptions and reductions.

Reference to standard: See section A.4 Bibliography (d) IEC Publication 1000-4-11 (1994).

Test procedure in brief: The test consists of subjecting the EUT to voltage interruptions from nominal voltage to zero voltage for a period equal to 8–10 ms, and from nominal voltage to 50 percent of nominal for a period equal to 16–20 ms. The mains voltage interruptions and reductions must be repeated ten times with a time interval of at least 10 seconds. This test is conducted during a weighing operation consisting of the following:

*For belt scales—*while totalizing at the maximum flow rate at least the Σ_{\min} (or a time sufficient to complete the test).

*For platform, hanging, and automatic hopper scales—*tested with one small test load or simulated load.

Test severities: One hundred percent voltage interruption for a period equal to 8–10 ms. Fifty percent voltage reduction for a period equal to 16–20 ms.

Number of test cycles: Ten tests with a minimum of 10 seconds between tests.

Maximum allowable variations: The difference between the weight indication due to the disturbance and the indication without the disturbance either must not exceed 1d or the EUT must detect and act upon a significant fault.

Conduct of the Test:

Preconditioning: None required.

Test equipment:

- a. A test generator suitable to reduce the amplitude of the AC voltage from the mains. The test generator must be adjusted before connecting the EUT.
- b. Load cell simulator, if applicable.

Condition of EUT:

- a. Normal power supplied and “on” for a time period equal to or greater than the warm-up time specified by the manufacturer.
- b. Adjust the EUT as close to zero indication as practicable prior to the test.

Test sequence:

- a. Stabilize all factors at nominal reference conditions.
- b. Totalize as indicated in this A.3.4 Test Sequence section and record the—
 - i. Date and time,
 - ii. Temperature,
 - iii. Relative humidity,
 - iv. Power supply voltage,
 - v. Test load,
 - vi. Indications,
 - vii. Errors, and
 - viii. Functions performance.
- c. Interrupt the power supply to zero voltage for a period equal to 8–10 ms. During interruption observe the effect on the EUT and record, as appropriate.
- d. Repeat the steps four times in this A.3.4 Test Sequence section, making sure that

there is a 10 second interval between repetitions. Observe the effect on the EUT.

e. Reduce the power supply to 50 percent of nominal voltage for a period equal to 16–20 ms. During reduction observe the effect on the EUT and record, as appropriate.

f. Repeat the steps four times in this A.3.4 Test Sequence section, making sure that there is a 10 second interval between repetitions. Observe the effect on the EUT.

A.3.5 Bursts

Test method: Electrical bursts.

Object of the test: To verify compliance with the provisions in this manual under conditions where electrical bursts are superimposed on the mains voltage.

Reference to standard: See section A.4 Bibliography (e)

Test Procedure in brief:

The test consists of subjecting the EUT to bursts of double exponential wave-form transient voltages. Each spike must have a rise in time of 5 ns and a half amplitude duration of 50 ns. The burst length must be 15 ms, the burst period (repetition time interval) must be 300 ms. This test is conducted during a weighing operation consisting of the following:

For belt scales—while totalizing at the maximum flow rate at least the Σ_{\min} (or a time sufficient to complete the test).

For platform, hanging, and automatic hopper scales—tested with one small test load or simulated load.

Test severities: Amplitude (peak value) 1000 V.

Number of test cycles: At least 10 positive and 10 negative randomly phased bursts must be applied at 1000 V.

Maximum allowable variations: The difference between the indication due to the disturbance and the indication without the disturbance either must not exceed the values given in sections 2.2.1.1b., 3.2.1.1b., and 4.2.1.1b, of this appendix, or the EUT must detect and act upon a significant fault.

Conduct of the test: Refer to the IEC Publication referenced in section A.4 Bibliography (e) for detailed test procedures.

Supplementary information to the IEC test procedures:

Test equipment:

A burst generator having an output impedance of 50 ohms.

Test conditions:

The burst generator must be adjusted before connecting the EUT. The bursts must be coupled to the EUT both on common mode and differential mode interference.

Condition of EUT:

a. Normal power supplied and “on” for a time period equal to or greater than the warm-up time specified by the manufacturer.

b. Adjust the EUT as close to a zero indication as practicable prior to the test.

Test Sequence:

a. Stabilize all factors at nominal reference conditions.

b. Conduct the test as indicated in this A.3.5 Test Sequence section and record the—

i. Date and time,

ii. Temperature,

iii. Relative humidity,

iv. Test load,

v. Indication,

vi. Errors, and

vii. Functions performance.

c. Subject the EUT to at least 10 positive and 10 negative randomly phased bursts at the 1000 V mode. Observe the effect on the EUT and record, as appropriate.

d. Stabilize all factors at nominal reference conditions.

e. Repeat the test and record the test data as indicated in this A.3.5 Test Sequence section.

A.3.6 Electrostatic Discharge

Test method: Electrostatic discharge (ESD).

Object of the test: To verify compliance with the provisions of this manual under conditions of electrostatic discharges.

Reference to standard: See section A.4 Bibliography (f)

Test procedure in brief:

A capacitor of 150 pF is charged by a suitable DC voltage source. The capacitor is then discharged through the EUT by connecting one terminal to ground (chassis) and the other via 150 ohms to surfaces which are normally accessible to the operator. This test is conducted during a weighing operation consisting of the following:

For belt scales—while totalizing at the maximum flow rate at least the Σ_{\min} (or a time sufficient to complete the test).

For platform, hanging, and automatic hopper scales—test with one small test load or simulated load.

Test severities

Air Discharge: up to and including 8 kV.

Contact Discharge: up to and including 6 kV.

Number of test cycles: At least 10 discharges must be applied at intervals of at least 10 seconds between discharges.

Maximum allowable variations:

The difference between the indication due to the disturbance and the indication without the disturbance either must not exceed the values indicated in sections 2.2.1.1 b.,

3.2.1.1 b., and 4.2.1.1 b. of this appendix, or the EUT must detect and act upon a significant fault.

Conduct of the test: Refer to the IEC Publication mentioned in section A.4 Bibliography (d) for detailed test procedures.

Supplementary information to the IEC test procedures.

Preconditioning: None required.

Condition of EUT:

a. The EUT without a ground terminal must be placed on a grounded plate which projects beyond the EUT by at least 0.1 m on all sides. The ground connection to the capacitor must be as short as possible.

b. Normal power supplied and "on" for a time period equal to or greater than the warm-up time specified by the manufacturer. Power is to be "on" for the duration of the test.

c. The EUT must be operating under standard atmospheric conditions for testing.

d. Adjust the EUT as close to a zero indication as practicable prior to the test.

Test sequence:

a. Stabilize all factors at nominal reference conditions.

b. Conduct test as indicated in this A.3.6 Test Sequence section and record the—

- i. Date and time,
- ii. Temperature,
- iii. Relative humidity,
- iv. Power supply voltage,
- v. Test load,
- vi. Indication,
- vii. Errors, and
- viii. Functions performance.

c. Approach the EUT with the discharge electrode until discharge occurs and then remove it before the next discharge. Observe the effect of the discharge on the EUT and record, as appropriate.

d. Repeat the above step at least nine times, making sure to wait at least 10 seconds between successive discharges. Observe the effect on the EUT and record as appropriate.

e. Stabilize all factors at nominal reference conditions.

f. Repeat the test and record the test data as indicated in this A.3.6 Test Sequence section.

A.3.7 Electromagnetic Susceptibility

Test method: Electromagnetic fields (radiated).

Object of the Test:

To verify compliance with the provisions in this manual under conditions of electromagnetic fields.

Reference to standard: See section A.4 Bibliography (g).

Test procedure in brief:

a. The EUT is placed in an EMI chamber and tested under normal atmospheric conditions. This test is first conducted at one load in a static mode, and the frequencies at which susceptibility is evident are noted. Then tests are conducted at the problem frequencies, if any, during a weighing operation consisting of the following:

For belt scales—while totalizing at the maximum flow rate at least the Σ_{min} (or a time sufficient to complete the test). It is then exposed to electromagnetic field strengths as specified in the Test severities in this section A.3.7 of this annex to appendix A of this part.

For platform, hanging, and automatic hopper scales—tested with one small test load.

b. The field strength can be generated in various ways:

i. The strip line is used at low frequencies (below 30 MHz or in some cases 150 MHz) for small EUT's;

ii. The long wire is used at low frequencies (below 30 MHz) for larger EUT's;

iii. Dipole antennas or antennas with circular polarization placed 1 m from the EUT are used at high frequencies.

c. Under exposure to electromagnetic fields the EUT is again tested as indicated above.

Test severities: Frequency range: 26–1000 MHz.

Field strength: 3 V/m.

Modulation: 80 percent AM, 1 kHz sine wave.

Number of test cycles: Conduct test by continuously scanning the specified frequency range while maintaining the field strength.

Maximum allowable variations: The difference between the indication due to the disturbance and the indication without the disturbance either must not exceed the values given in this manual, or the EUT must detect and act upon a significant fault.

Conduct of the test: Refer to the IEC Publication referenced in section A.4 Bibliography (g) for detailed information on test procedures.

Supplementary information to the IEC test procedures.

Test conditions:

a. The specified field strength must be established prior to the actual testing (without the EUT in the field). At least 1 m of all external cables must be included in the exposure by stretching them horizontally from the EUT.

b. The field strength must be generated in two orthogonal polarizations and the frequency range scanned slowly. If antennas with circular polarization, *i.e.*, log-spiral or helical antennas, are used to generate the electromagnetic field, a change in the position of the antennas is not required. When the test is carried out in a shielded enclosure

to comply with international laws prohibiting interference to radio communications, care needs to be taken to handle reflections from the walls. Anechoic shielding might be necessary.

Condition of EUT:

a. Normal power supplied and “on” for a time period equal to or greater than the warm-up time specified by the manufacturer. Power is to be “on” for the duration of the test. The EUT must be operating under standard atmospheric conditions for testing.

b. Adjust the EUT as close to a zero indication as practicable prior to the test.

Test sequence:

a. Stabilize all factors at nominal reference conditions.

b. Conduct the test as indicated in this A.3.7 Test Sequence section and record the—

- i. Date and time,
- ii. Temperature,
- iii. Relative humidity,
- iv. Test load,
- v. Indication,
- vi. Errors, and
- vii. Functions performance.

c. Following the IEC test procedures, expose the EUT at zero load to the specified field strengths while slowly scanning the three indicated frequency ranges.

d. Observe and record the effect on the EUT.

e. Repeat the test and observe and record the effect.

f. Stabilize all factors at nominal reference conditions.

g. Repeat the test and record the test data.

A.4 Bibliography

Below are references to Publications of the International Electrotechnical Commission (IEC), where mention is made in the tests in annex A to appendix A of this part.

a. IEC Publication 68–2–1 (1974): Basic environmental testing procedures. Part 2: Tests, Test Ad: Cold, for heat dissipating equipment under test (EUT), with gradual change of temperature.

IEC Publication 68–2–2 (1974): Basic environmental testing procedures, Part 2: Tests, Test Bd: Dry heat, for heat dissipating equipment under test (EUT) with gradual change of temperature.

IEC Publication 68–3–1 (1974): Background information, Section 1: Cold and dry heat tests.

b. IEC Publication 68–2–56 (1988): Environmental testing, Part 2: Tests, Test Cb: Damp heat, steady state. Primarily for equipment.

IEC Publication 68–2–28 (1980): Guidance for damp heat tests.

c. IEC Publication 1000–4–11 (1994): Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques, Section 11: Voltage dips, short interruptions and voltage variations immunity tests. Section 5.2 (Test levels—Voltage variation). Section 8.2.2 (Execution of the test-voltage variation).

d. IEC Publication 1000–4–11 (1994): Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques, Section 11: Voltage dips, short interruptions and voltage variations immunity tests. Section 5.1 (Test levels—Voltage dips and short interruptions. Section 8.2.1 (Execution of the test-voltage dips and short interruptions) of the maximum transit speed and the range of operating speeds.

e. IEC Publication 1000–4–4 (1995): Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques—Section 4: Electrical fast transient/burst immunity test. Basic EMC publication.

f. IEC Publication 1000–4–2 (1995): Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques—Section 2: Electrostatic discharge immunity test. Basic EMC Publication.

g. IEC Publication 1000–4–3 (1995): Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques—Section 3: Radiated, radio-frequency electromagnetic field immunity test.

[63 FR 5845, Feb. 4, 1998, as amended at 65 FR 33783, May 25, 2000]

FIGURE 1 TO PART 679—BERING SEA AND ALEUTIAN ISLANDS STATISTICAL AND REPORTING AREAS

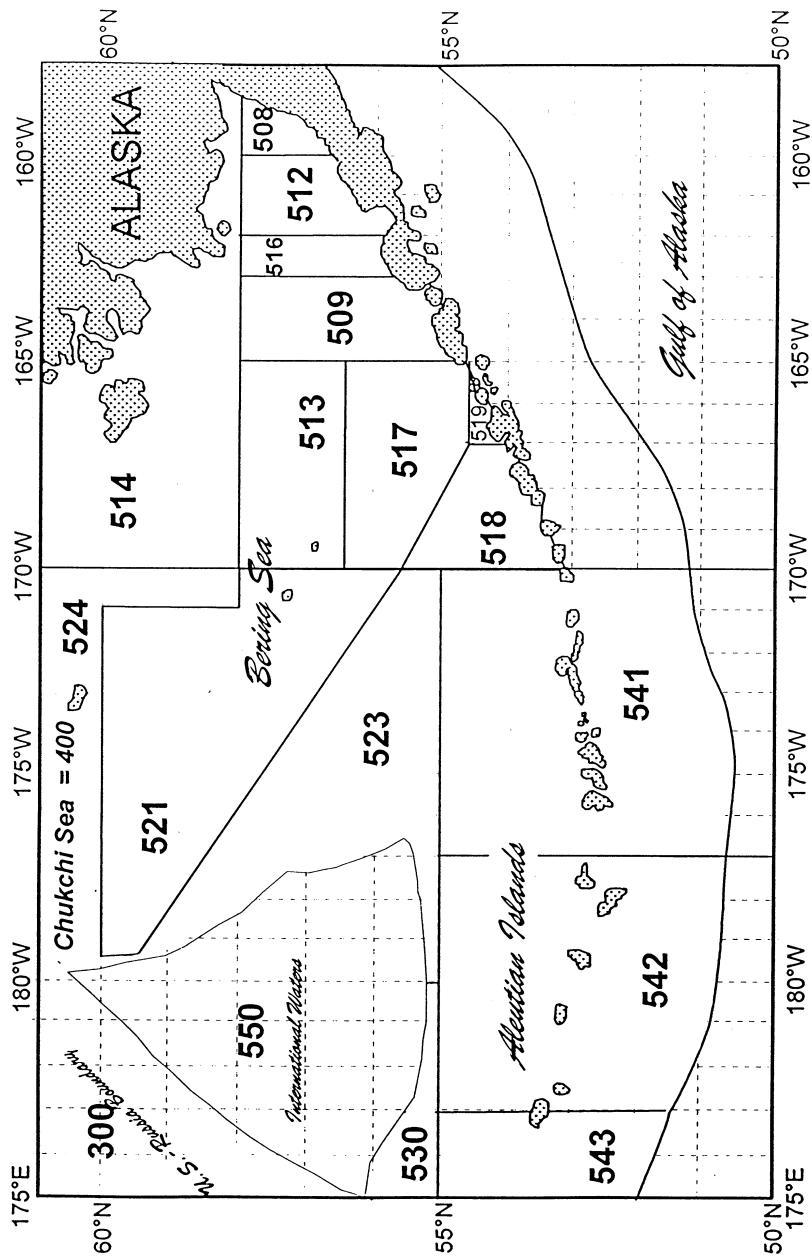


Figure 1 to Part 679. Bering Sea and Aleutian Islands statistical and reporting areas

a. Map

b. Coordinates

Code	Description
300	<i>Russian waters.</i> Those waters inside the Russian 200 mile limit as described in the current editions of NOAA chart INT 813 Bering Sea (Southern Part) and NOAA chart INT 814 Bering Sea (Northern Part).
400	<i>Chukchi Sea.</i> North of a diagonal line between 66°00' N, 169°42.5' W (Cape Dezhneva, Russia); and 65°37.5' N, 168°7.5' W (Cape Prince of Wales, Alaska) and to the limits of the U.S. EEZ as described in the current edition of NOAA chart INT 814 Bering Sea (Northern Part).
508	South of 58°00' N between the intersection of 58°00' N lat with the Alaska Peninsula and 160°00' W long.
509	South of 58°00' N lat between 163°00' W long and 165°00' W long.
512	South of 58°00' N lat, north of the Alaska Peninsula between 160°00' W long and 162°00' W long.
513	Between 58°00' N lat and 56°30' N lat, and between 165°00' W long and 170°00' W long.
514	North of 58°00' N to the southern boundary of the Chukchi Sea, area 400, and east of 170°00' W long.
516	South of 58°00' N lat, north of the Alaska Peninsula, and between 162°00' and 163°00' W long.
517	South of 56°30' N lat, between 165°00' W long and 170°00' W long; and north of straight lines between 54°30' N lat, 165°00' W long, 54°30' N lat, 167°00' W long, and 55°46' N lat, 170°00' W long.
518	<i>Bogoslof District.</i> South of a straight line between 55°46' N lat, 170°00' W long and 54°30' N lat, 167°00' W long, and between 167°00' W long and 170°00' W long, and north of the Aleutian Islands and straight lines between the islands connecting the following coordinates in the order listed: 52°49.18' N, 169°40.47' W, 52°49.24' N, 169°07.10' W, 53°23.13' N, 167°50.50' W, 53°18.95' N, 167°51.06' W.
519	South of a straight line between 54°30' N lat, 167°00' W long and 54°30' N lat, 164°54' W long; east of 167°00' W long; west of Unimak Island; and north of the Aleutian Islands and straight lines between the islands connecting the following coordinates in the order listed: 53°58.97' N, 166°16.50' W, 54°02.69' N, 166°02.93' W, 54°07.69' N, 165°39.74' W, 54°08.40' N, 165°38.29' W, 54°11.71' N, 165°23.09' W, 54°23.74' N, 164°44.73' W.
521	The area bounded by straight lines connecting the following coordinates in the order listed: 55°46' N, 170°00' W, 59°25' N, 179°20' W, 60°00' N, 179°20' W, 60°00' N, 171°00' W, 58°00' N, 171°00' W, 58°00' N, 170°00' W, 55°46' N, 170°00' W.
523	The area bounded by straight lines connecting the following coordinates in the order listed: 59°25' N, 179°20' W, 55°46' N, 170°00' W, 55°00' N, 170°00' W, 55°00' N, 180°00' W, and north to the limits of the US EEZ as described in the current edition of NOAA chart INT 813 Bering Sea (Southern Part).
524	The area west of 170°00' W bounded south by straight lines connecting the following coordinates in the order listed: 58°00' N, 170°00' W, 58°00' N, 171°00' W, 60°00' N, 171°00' W, 60°00' N, 179°20' W, 59°25' N, 179°20' W, and to the limits of the US EEZ as described in the current edition of NOAA chart INT 813 Bering Sea (Southern Part).
530	The area north of 55°00' N lat and west of 180°00' W long to the limits of the US EEZ as described in the current edition of NOAA chart INT 813 Bering Sea (Southern Part).
541	<i>Eastern Aleutian District.</i> The area south of 55°00' N lat, west of 170°00' W long, and east of 177°00' W long and bounded on the south by the limits of the US EEZ as described in the current editions of NOAA chart INT 813 Bering Sea (Southern Part) and NOAA chart 530 (San Diego to Aleutian Islands and Hawaiian Islands).
542	<i>Central Aleutian District.</i> The area south of 55°00' N lat, west of 177°00' W long, and east of 177°00' E long and bounded on the south by the limits of the US EEZ as described in the current editions of NOAA chart INT 813 Bering Sea (Southern Part) and NOAA chart 530 (San Diego to Aleutian Islands and Hawaiian Islands).
543	<i>Western Aleutian District.</i> The area south of 55°00' N lat and west of 177°00' E long, and bounded on the south and west by the limits of the US EEZ as described in the current editions of NOAA chart INT 813 Bering Sea (Southern Part) and NOAA chart 530 (San Diego to Aleutian Islands and Hawaiian Islands).
550	<i>Donut Hole.</i> International waters of the Bering Sea outside the limits of the EEZ and Russian economic zone as depicted on the current edition of NOAA chart INT 813 Bering Sea (Southern Part).

Note: A statistical area is the part of a reporting area contained in the EEZ.

[64 FR 61983, Nov. 15, 1999; 65 FR 25290, May 1, 2000]

FIGURE 2 TO PART 679—BSAI CATCHER VESSEL OPERATIONAL AREA

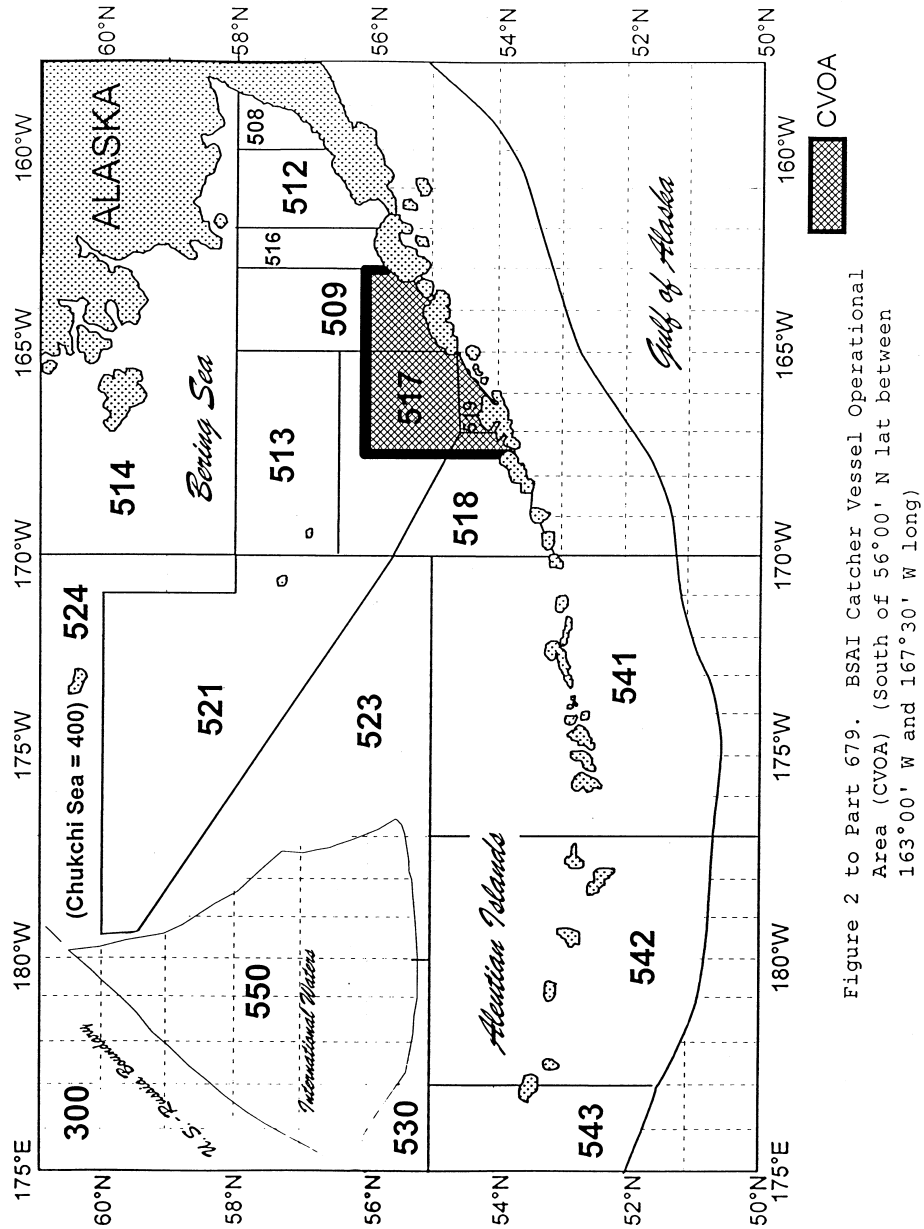
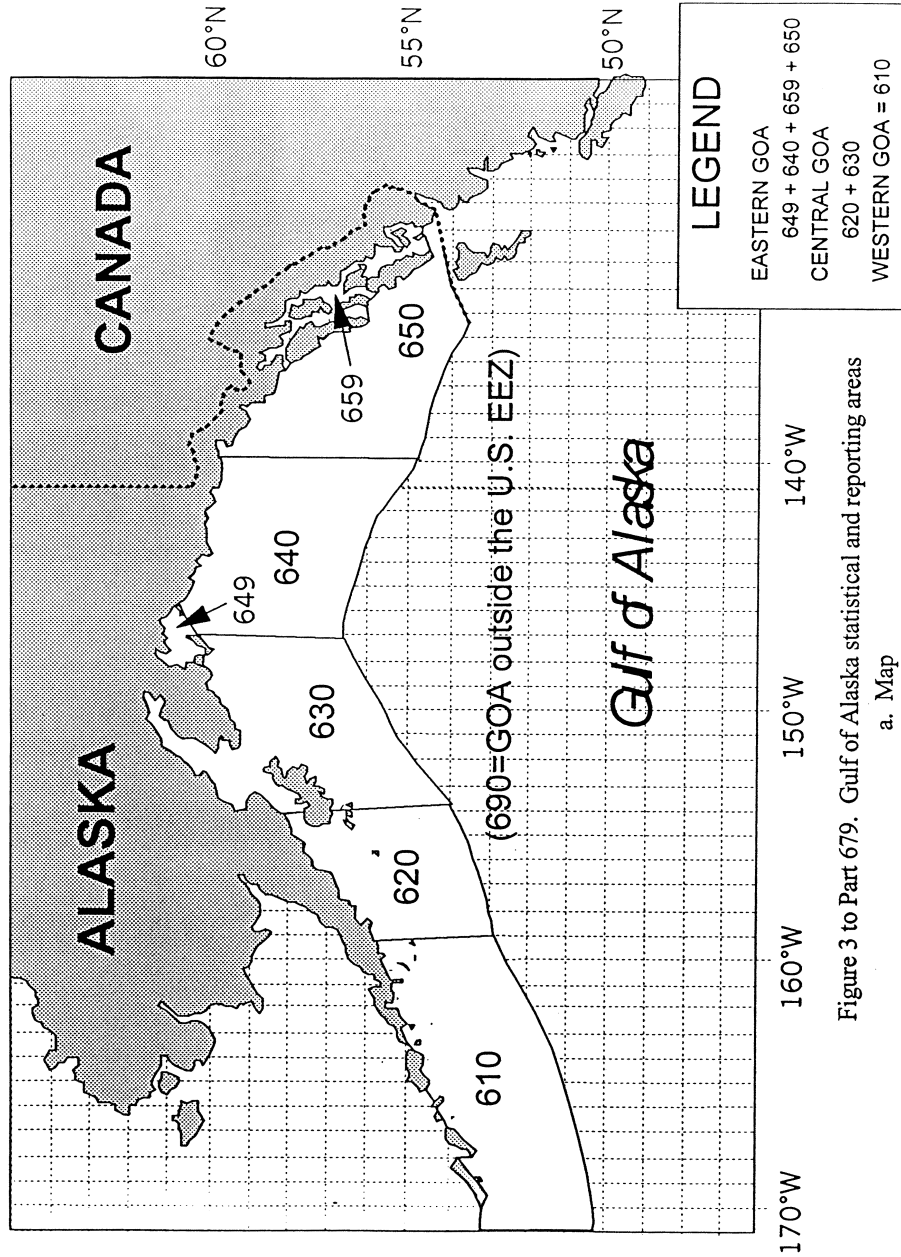


Figure 2 to Part 679. BSAI Catcher Vessel Operational Area (CVOA) (South of 56°00' N lat between 163°00' W and 167°30' W long)

[64 FR 61985, Nov. 15, 1999]

FIGURE 3 TO PART 679—GULF OF ALASKA STATISTICAL AND REPORTING



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b. Coordinates

Code	Description
610	<p><i>Western GOA Regulatory Area, Shumagin District.</i> Along the south side of the Aleutian Islands, including those waters south of Nichols Point (54°51'30" N lat) near False Pass, and straight lines between the islands and the Alaska Peninsula connecting the following coordinates in the order listed:</p> <p>52°49.18' N, 169°40.47' W; 52°49.24' N, 169°07.10' W; 53°23.13' N, 167°50.50' W; 53°18.95' N, 167°51.06' W; 53°58.97' N, 166°16.50' W; 54°02.69' N, 166°02.93' W; 54°07.69' N, 165°39.74' W; 54°08.40' N, 165°38.29' W; 54°11.71' N, 165°23.09' W; 54°23.74' N, 164°44.73' W; and</p> <p>southward to the limits of the US EEZ as described in the current editions of NOAA chart INT 813 (Bering Sea, Southern Part) and NOAA chart 500 (West Coast of North America, Dixon Entrance to Unimak Pass), between 170°00' W long and 159°00' W long.</p>
620	<p><i>Central GOA Regulatory Area, Chirikof District.</i> Along the south side of the Alaska Peninsula, between 159°00' W long and 154°00' W long, and southward to the limits of the US EEZ as described in the current edition of NOAA chart 500 (West Coast of North America, Dixon Entrance to Unimak Pass) except that all waters of the Alitak/Olga/Deadman's/Portage Bay complex of Kodiak Island are included in this area.</p>
630	<p><i>Central GOA Regulatory Area, Kodiak District.</i> Along the south side of continental Alaska, between 154°00' W long and 147°00' W long, and southward to the limits of the US EEZ as described in the current edition of NOAA chart 500 (West Coast of North America, Dixon Entrance to Unimak Pass) excluding all waters of the Alitak/Olga/Deadman's/Portage Bay complex of Kodiak Island and Area 649.</p>
640	<p><i>Eastern GOA Regulatory Area West Yakutat District.</i> Along the south side of continental Alaska, between 147°00' W long and 140°00' W long, and southward to the limits of the US EEZ, as described in the current edition of NOAA chart 500 (West Coast of North America, Dixon Entrance to Unimak Pass), excluding area 649.</p>
649	<p><i>Prince William Sound.</i> Includes those waters of the State of Alaska inside the base line as specified in Alaska State regulations at 5 AAC 28.200.</p>
650	<p><i>Eastern GOA Regulatory Area, Southeast Outside District.</i> East of 140°00' W long and southward to the limits of the US EEZ as described in the current edition of NOAA chart 500 (West Coast of North America, Dixon Entrance to Unimak Pass), excluding area 659.</p>
659	<p><i>Eastern GOA Regulatory Area, Southeast Inside District.</i> As specified in Alaska State regulations at 5 AAC 28.105 (a)(1) and (2).</p>
690	<p><i>GOA Outside the U.S. EEZ.</i> As described in the current editions of NOAA chart INT 813 (Bering Sea, Southern Part) and NOAA chart 500 (West Coast of North America, Dixon Entrance to Unimak Pass).</p>

NOTE: A statistical area is the part of a reporting area contained in the EEZ.

[64 FR 61987, Nov. 15, 1999; 65 FR 25291, May 1, 2000, as amended at 67 FR 4134, Jan. 28, 2002; 69 FR 21977, Apr. 23, 2004]

FIGURE 4 TO PART 679—BSAI HERRING SAVINGS AREAS IN THE BSAI

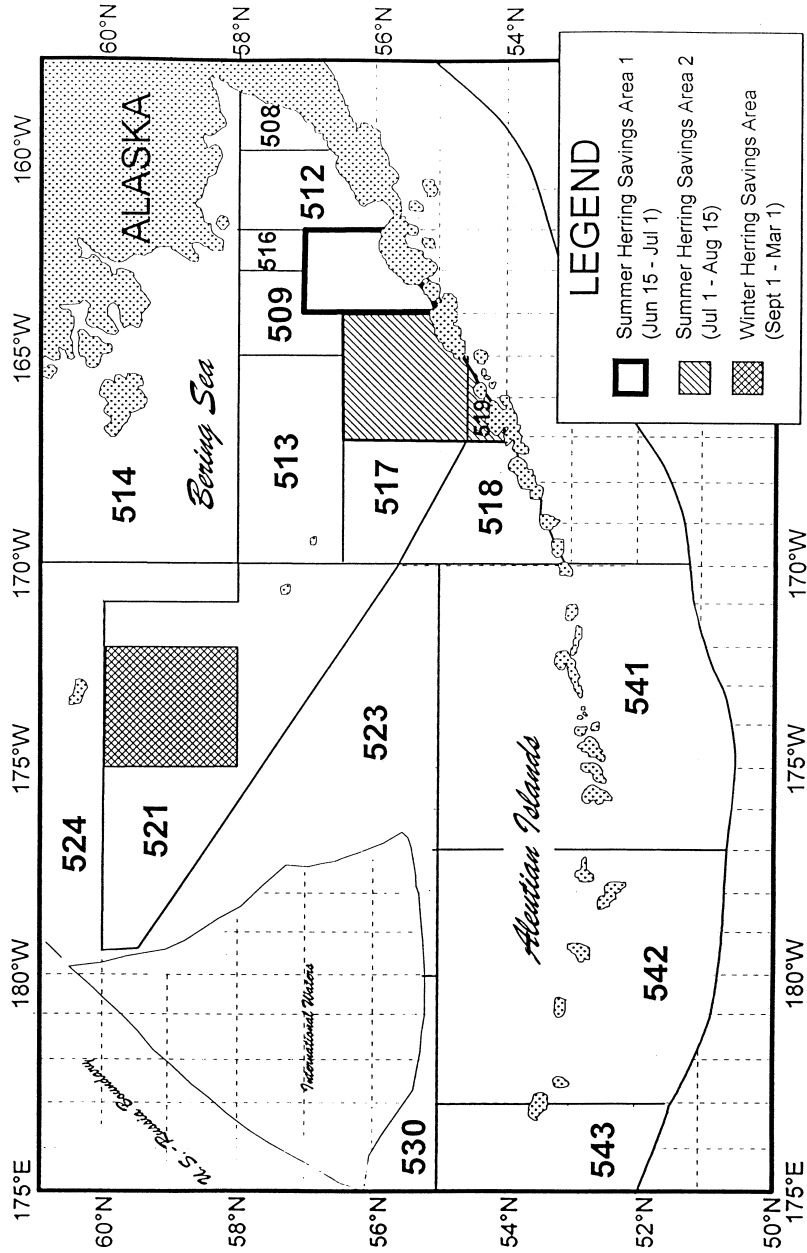


Figure 4 to Part 679. BSAI Herring Savings Areas
a. Map.

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b. Coordinates

Name	Description and effective date
<i>Summer Herring Savings Area 1.</i>	That part of the Bering Sea subarea that is south of 57° N lat and between 162° and 164° W long from 1200 hours, A.I.t., June 15 through 1200 hours, A.I.t. July 1 of a fishing year.
<i>Summer Herring Savings Area 2.</i>	That part of the Bering Sea subarea that is south of 56°30' N lat and between 164° and 167° W long from 1200 hours, A.I.t., July 1 through 1200 hours, A.I.t. August 15 of a fishing year.
<i>Winter Herring Savings Area</i>	That part of the Bering Sea subarea that is between 58° and 60° N lat and between 172° and 175° W long from 1200 hours, A.I.t. September 1 of the current fishing year through 1200 hours, A.I.t. March 1 of the succeeding fishing year.

[64 FR 61989, Nov. 15, 1999]

FIGURE 5 TO PART 679—KODIAK ISLAND AREAS CLOSED TO NON-PELAGIC TRAWL GEAR

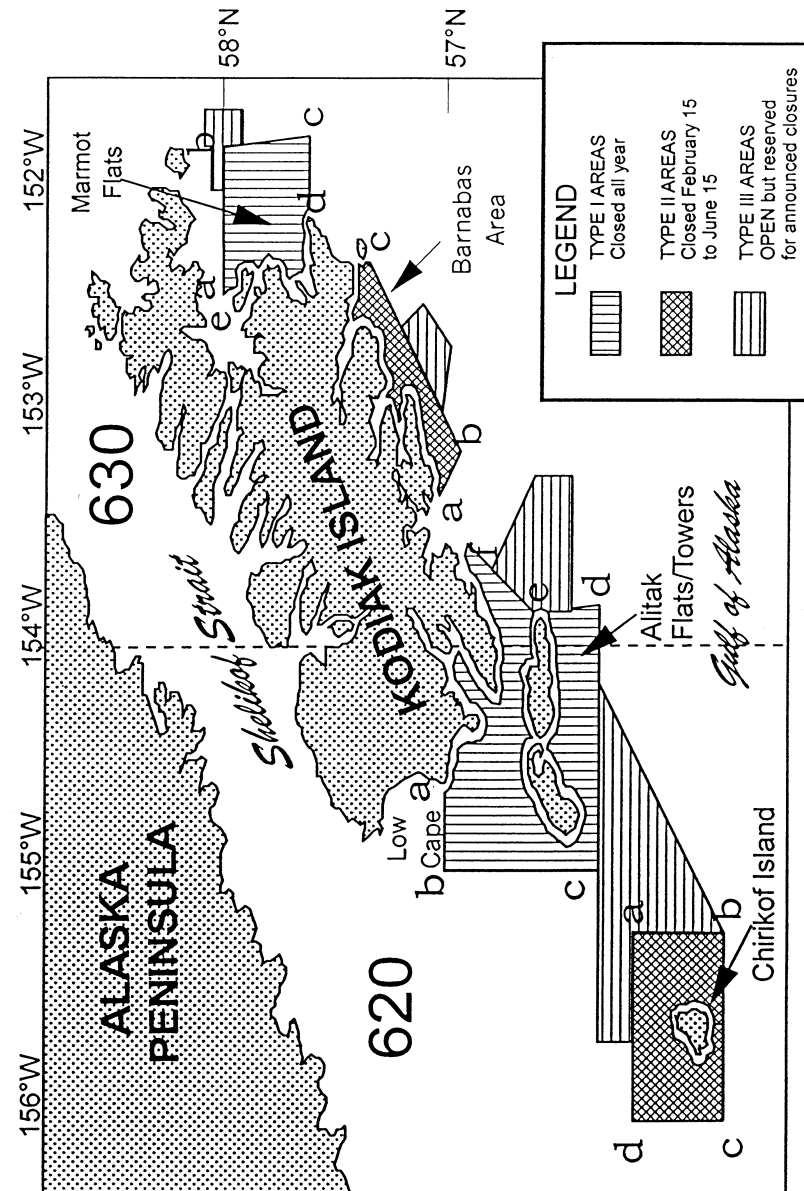


Figure 5 to Part 679. Areas closed to non-pelagic trawl gear in the Gulf of Alaska near Kodiak Island
a. Map

b. Coordinates

Name and description of reference area	North latitude/West longitude	Reference point
Alitak Flats and Towers Areas		

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Name and description of reference area	North latitude/West longitude	Reference point	
All waters of Alitak Flats and the Towers Areas enclosed by a line connecting the following 7 points in the order listed:			
a	56°59'4" 154°31'1"	Low Cape.	
b	57°00'0" 155°00'0"		
c	56°17'0" 155°00'0"		
d	56°17'0" 153°52'0"		
e	56°33'5" 153°52'0"		
f	56°54'5" 153°32'5"		
g	56°56'0" 153°35'5"		
a	56°59'4" 154°31'1"	Cape Sitkinak. East point of Twoheaded Island. Kodiak Island, thence, along the coastline of Kodiak Island until intersection of Low Cape. Low Cape.	
<i>Marmot Flats Area</i>			
All waters enclosed by a line connecting the following five points in the clockwise order listed:			
a	58°00'0" 152°30'0"	Cape Chiniak, then along the coastline of Kodiak Island to North Cape.	
b	58°00'0" 151°47'0"		
c	57°37'0" 151°47'0"		
d	57°37'0" 152°10'1"		
e	57°54'5" 152°30'0"		
a	58°00'0" 152°30'0"		
<i>Chirikof Island Area</i>			
All waters surrounding Chirikof Island enclosed by a line connecting the following four points in the counter-clockwise order listed:			
a	56°07'0" 155°13'0"	Black Point. South Tip of Ugak Island. North Tip of Ugak Island. Narrow Cape, thence, along the coastline of Kodiak Island Cape Kasick to Black Point, including inshore waters.	
b	56°07'0" 156°00'0"		
c	55°41'0" 156°00'0"		
d	55°41'0" 155°13'0"		
a	56°07'0" 155°13'0"		
<i>Barnabas Area</i>			
All waters enclosed by a line connecting the following six points in the counter clockwise order listed:			
a	57°00'0" 153°18'0"		
b	56°56'0" 153°09'0"		
c	57°22'0" 152°18'5"		
d	57°23'5" 152°17'5"		
e	57°25'3" 152°20'0"		
f	57°04'2" 153°30'0"		
a	57°00'0" 153°18'0"		

[64 F.R. 61990, Nov. 15, 1999]

FIGURE 6 TO PART 679—LENGTH OVERALL OF VESSEL

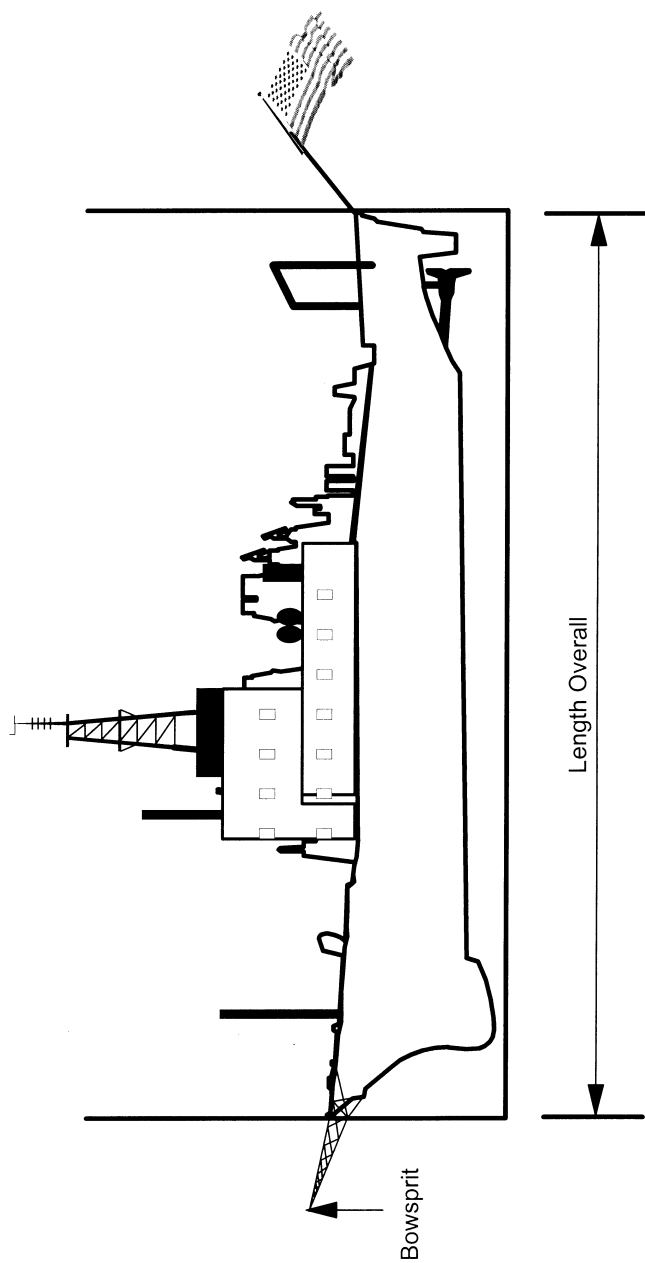


Figure 6 to Part 679. Length Overall of Vessel
(see § 679.2)

FIGURE 7 TO PART 679—LOCATION OF TRAWL GEAR TEST AREAS IN THE GOA AND THE BSAI

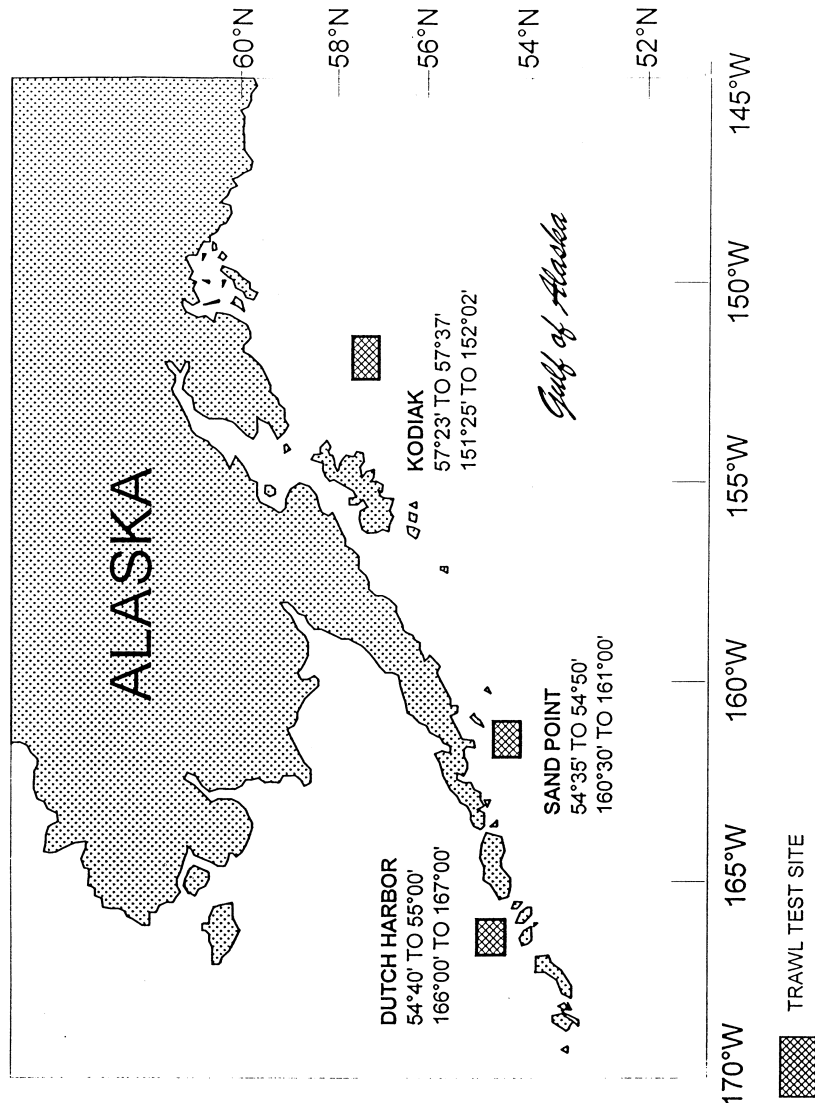


Figure 7 to Part 679. Location of Trawl Gear Test Areas in the GOA and the BSAI

[64 FR 61992, Nov. 15, 1999]

FIGURE 8 TO PART 679—CHINOOK SALMON SAVINGS AREAS OF THE BSAI

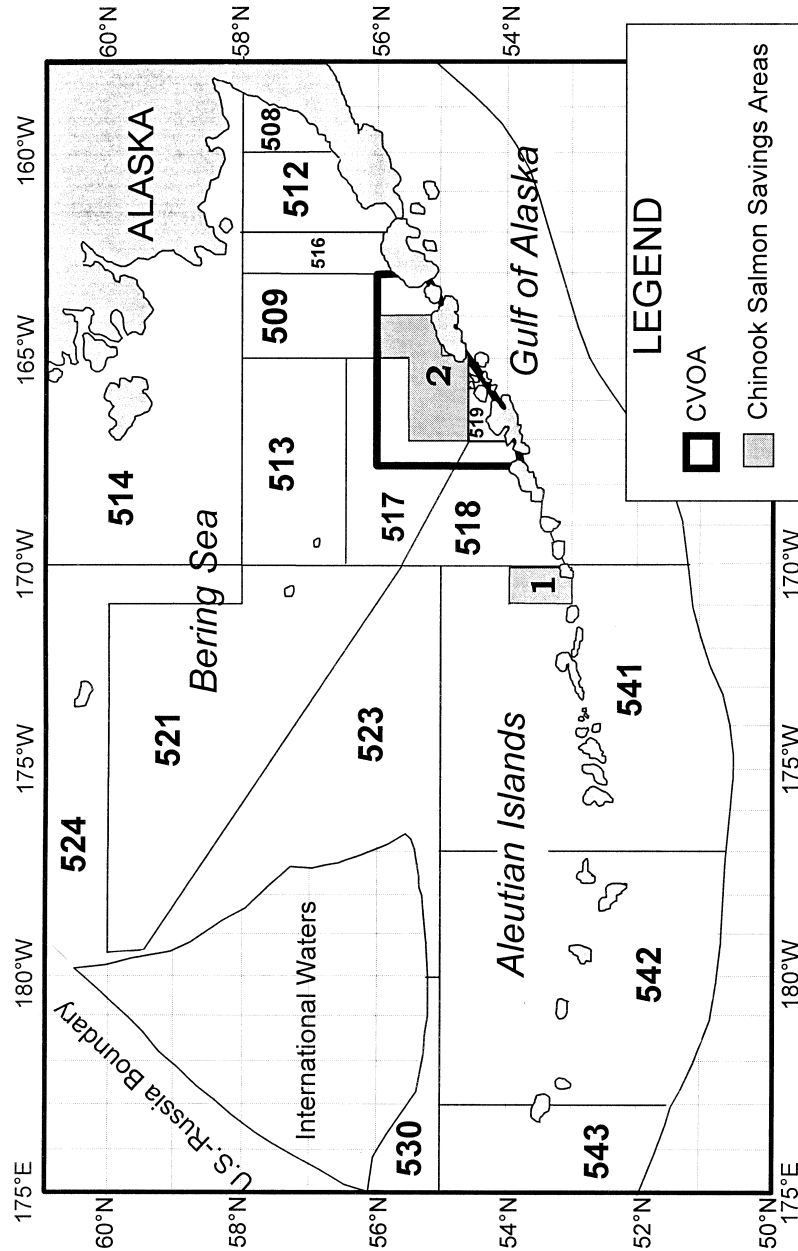


Figure 8 to Part 679. Chinook Salmon Savings Area of the BSAI.

b. Coordinates

The Chinook Salmon Savings Area as defined in the following two areas of the BSAI:

b. Coordinates

(1) The area defined by straight lines connecting the following coordinates in the order listed:

54° 00' N., 171° 00' W.;
54° 00' N., 170° 00' W.;
53° 00' N., 170° 00' W.;
53° 00' N., 171° 00' W.; and
54° 00' N., 171° 00' W.

(2) The area defined by straight lines connecting the following coordinates in the order listed:

56° 00' N., 165° 00' W.;
56° 00' N., 164° 00' W.;
55° 00' N., 164° 00' W.;
55° 00' N., 165° 00' W.;
54° 30' N., 165° 00' W.;
54° 30' N., 167° 00' W.;
55° 30' N., 167° 00' W.;
55° 30' N., 165° 00' W.; and
56° 00' N., 165° 00' W.

FIGURE 9 TO PART 679—CHUM SAVINGS AREA (CSSA) OF THE CVOA

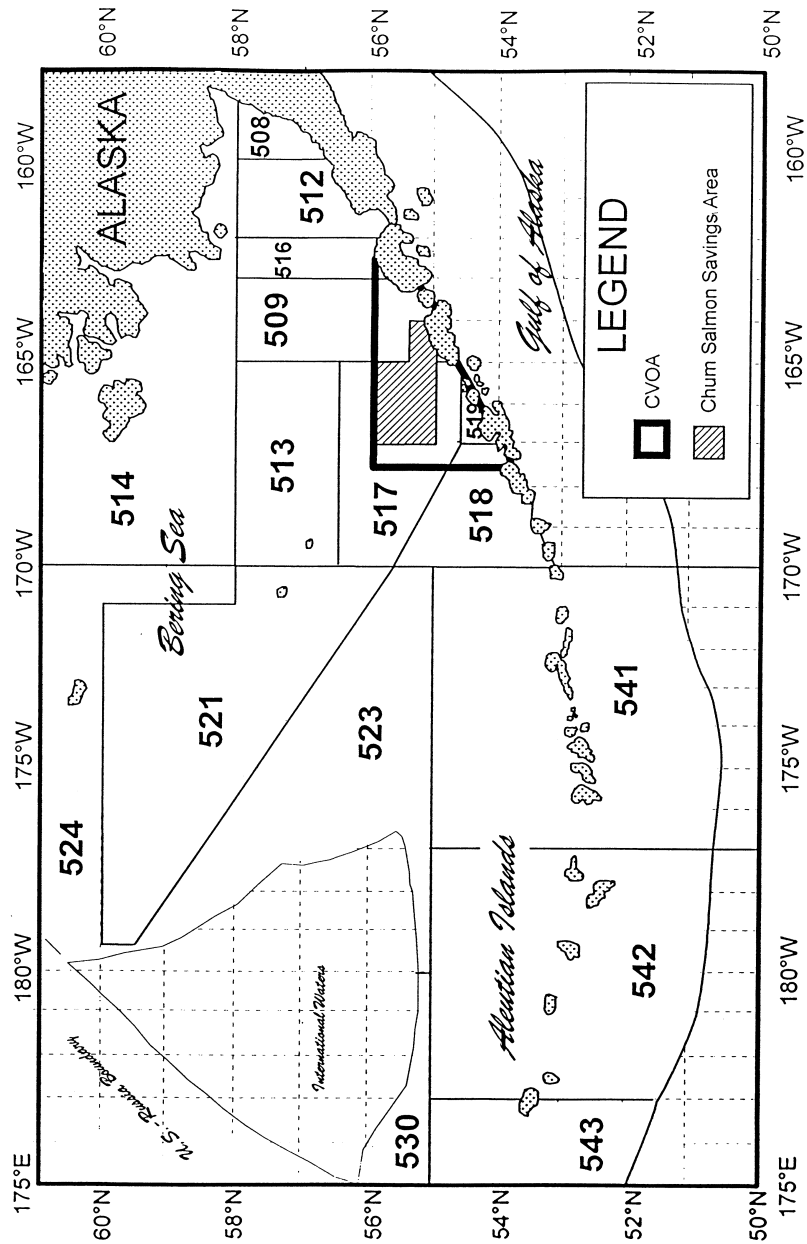


Figure 9 to Part 679. Chum Salmon Savings Area of the BSAI CVOA
a. Map

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b. Coordinates

The CSSA is an area defined as that portion of the Bering Sea Subarea described by straight lines connecting the following coordinates in the order listed:

56°00' N. lat. 167°00' W. long.

56°00' N. lat. 165°00' W. long.

55°30' N. lat. 165°00' W. long.

55°30' N. lat. 164°00' W. long.

55°00' N. lat. 164°00' W. long.

55°00' N. lat. 167°00' W. long.

56°00' N. lat. 167°00' W. long.

[64 FR 61995, Nov. 15, 1999]

FIGURE 10 TO PART 679—PRIBILOF ISLANDS AREA HABITAT CONSERVATION ZONE IN THE BERING SEA

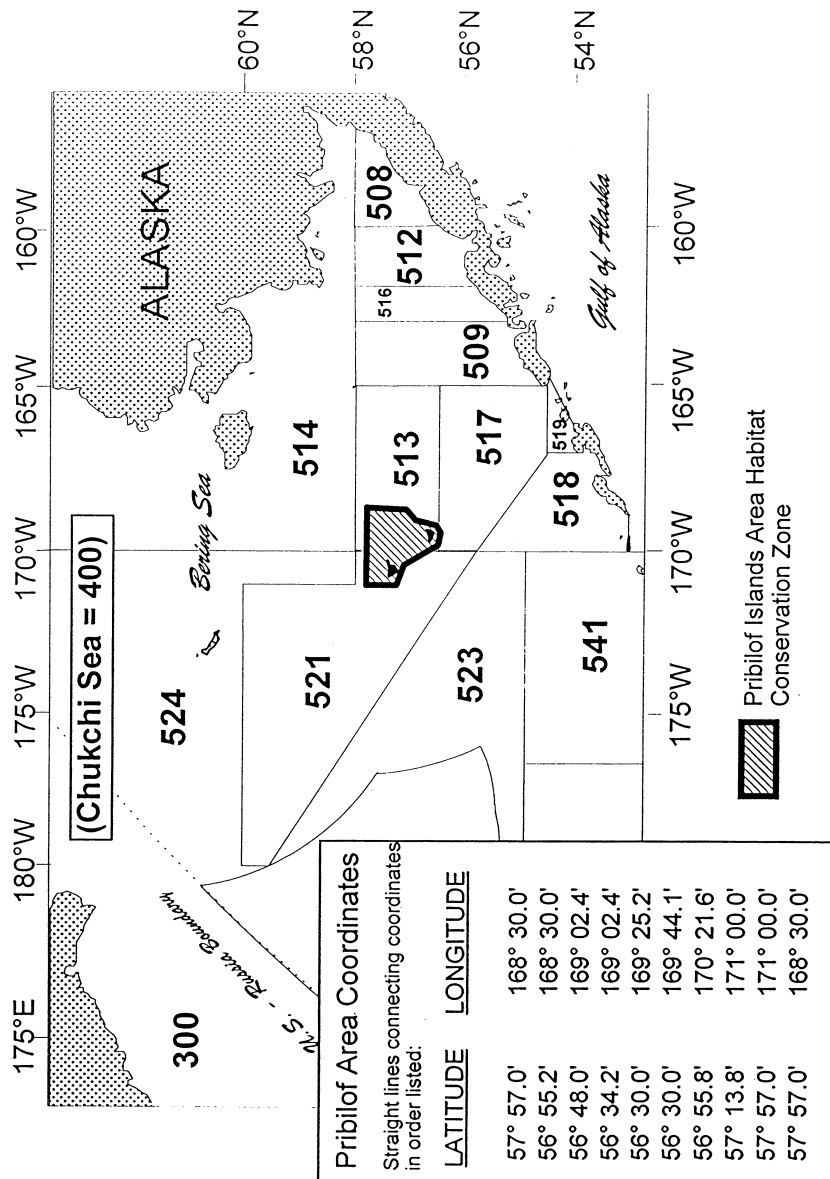


Figure 10 to Part 679. Pribilof Islands Area Habitat Conservation Zone in the Bering Sea

FIGURE 11 TO PART 679—RED KING CRAB SAVINGS AREA (RKCSA)

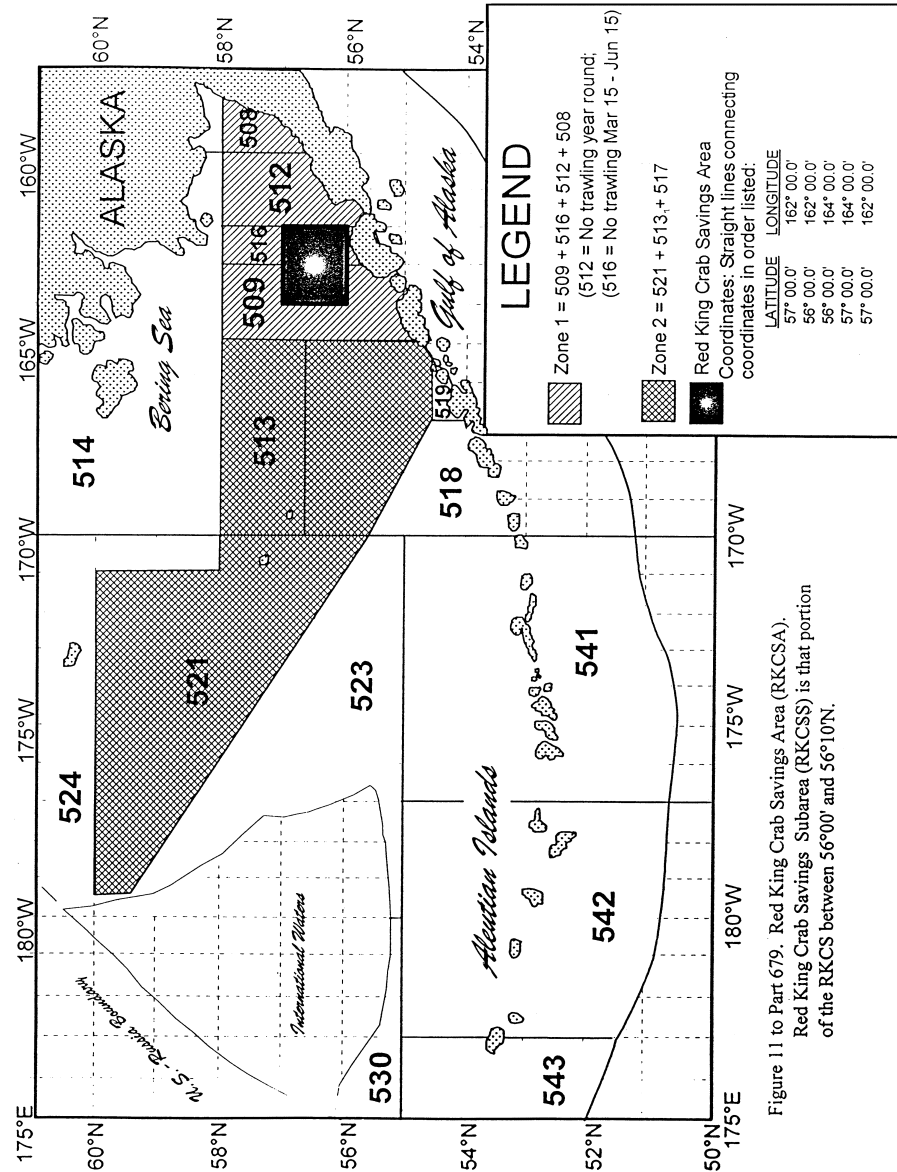


Figure 11 to Part 679, Red King Crab Savings Area (RKCSA).
Red King Crab Savings Subarea (RKCSS) is that portion
of the RKCS between 56°00' and 56°10'N.

[64 FR 61998, Nov. 15, 1999]

FIGURE 12 TO PART 679—NEARSHORE BRISTOL BAY TRAWL CLOSURE AREA

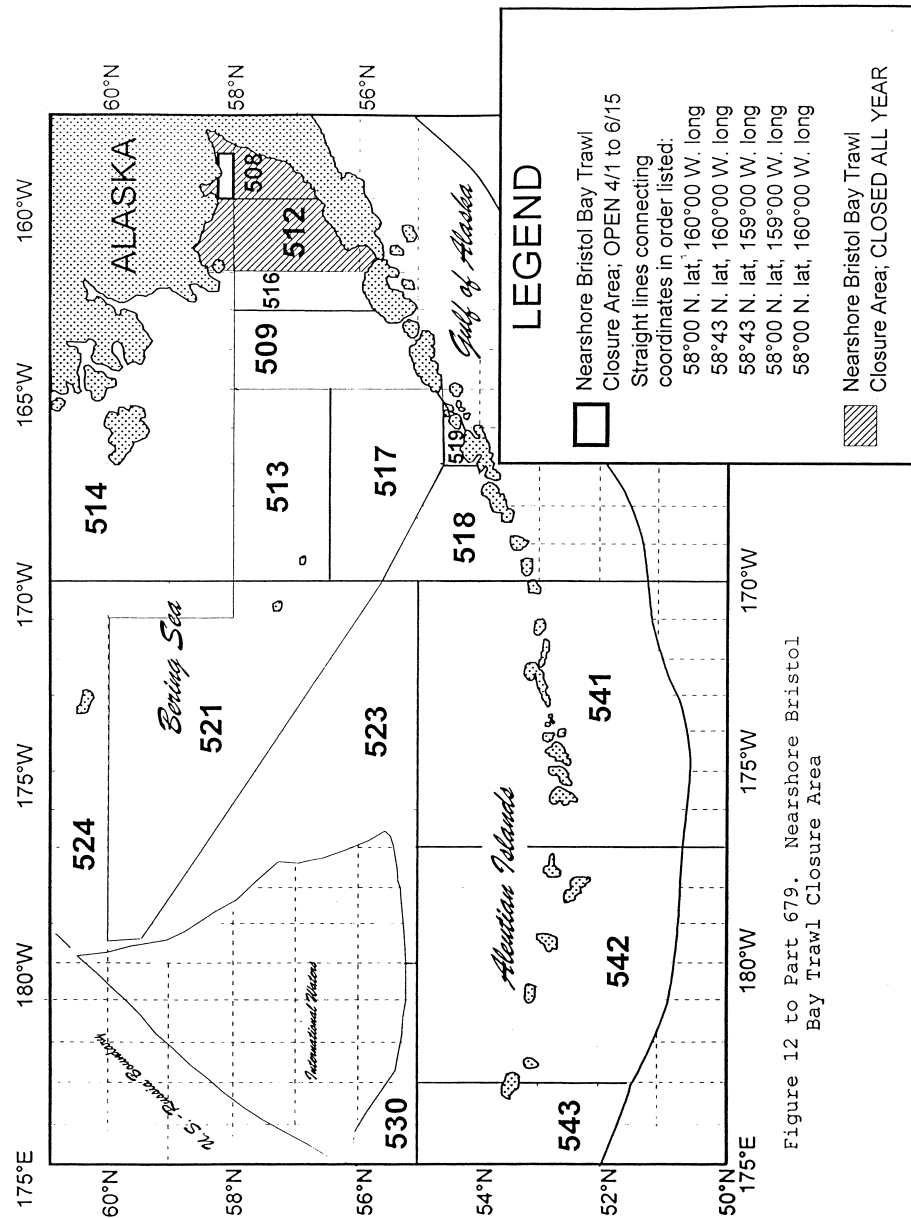


Figure 12 to Part 679. Nearshore Bristol Bay Trawl Closure Area

[64 FR 61999, Nov. 15, 1999]

FIGURE 13 TO PART 679—BSAI C. OPILIO TANNER CRAB BYCATCH LIMITATIONS ZONE

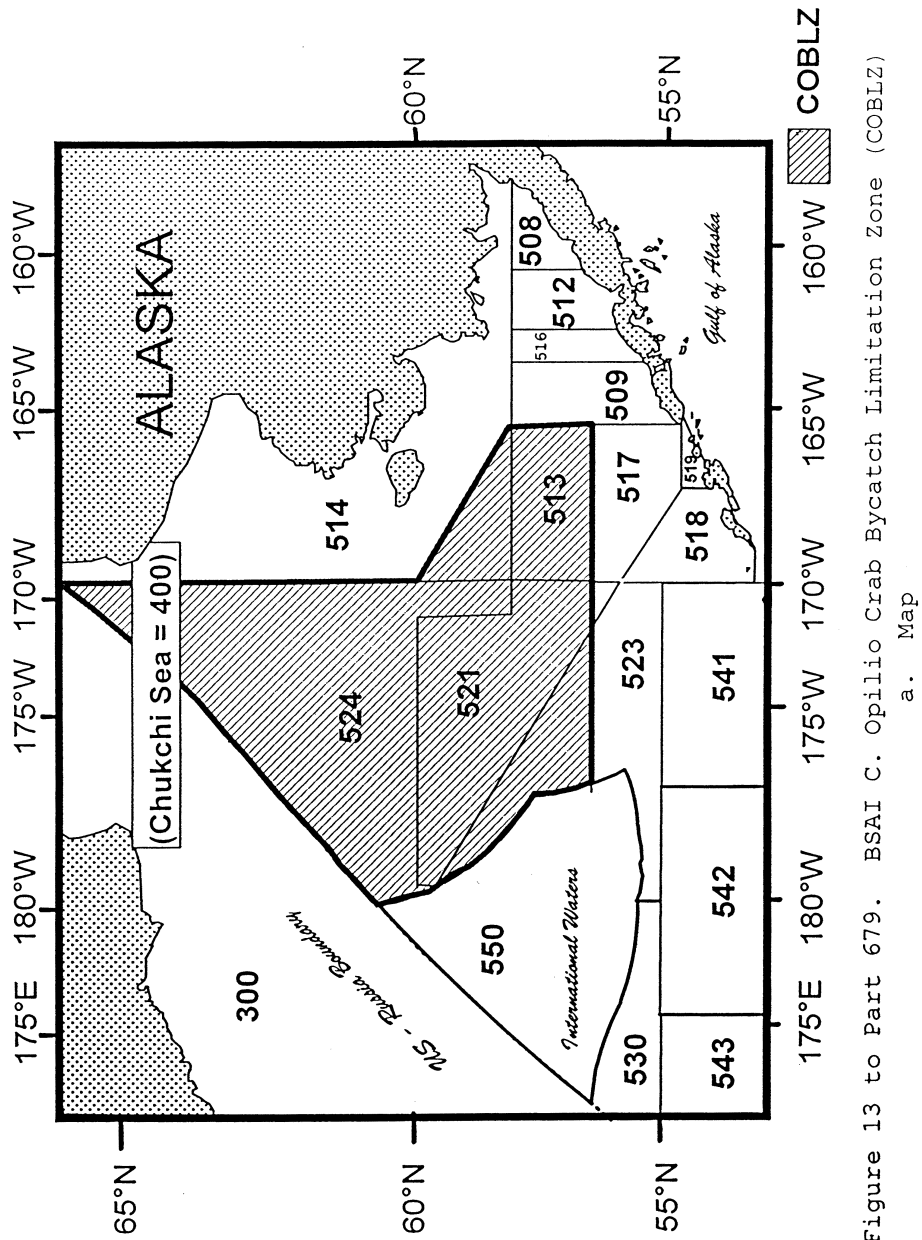


Figure 13 to Part 679. BSAI C. Opilio Tanner Crab Bycatch Limitation Zone (COBLZ)

Pt. 679, Fig. 13

b. Coordinates

The COBLZ is an area defined as that portion of the Bering Sea Subarea north of 56°30' N. lat. that is west of a line connecting the following coordinates in the order listed:

56°30' N. lat., 165°00' W. long.

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58°00' N. lat., 165°00' W. long.

59°30' N. lat., 170°00' W. long.

and north along 170°00' W. long. to its intersection with the U.S.-Russia Boundary.

[64 FR 62000, Nov. 15, 2000]

FIGURE 14 TO PART 679—SABLEFISH REGULATORY AREAS

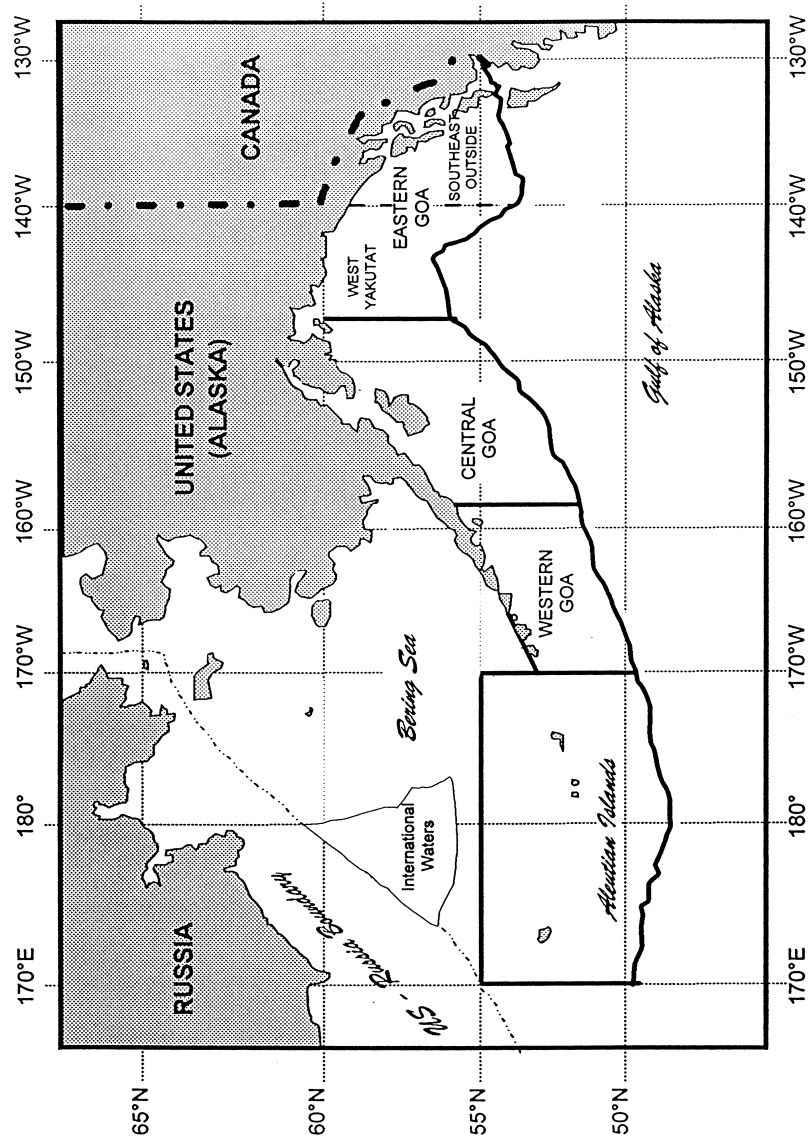
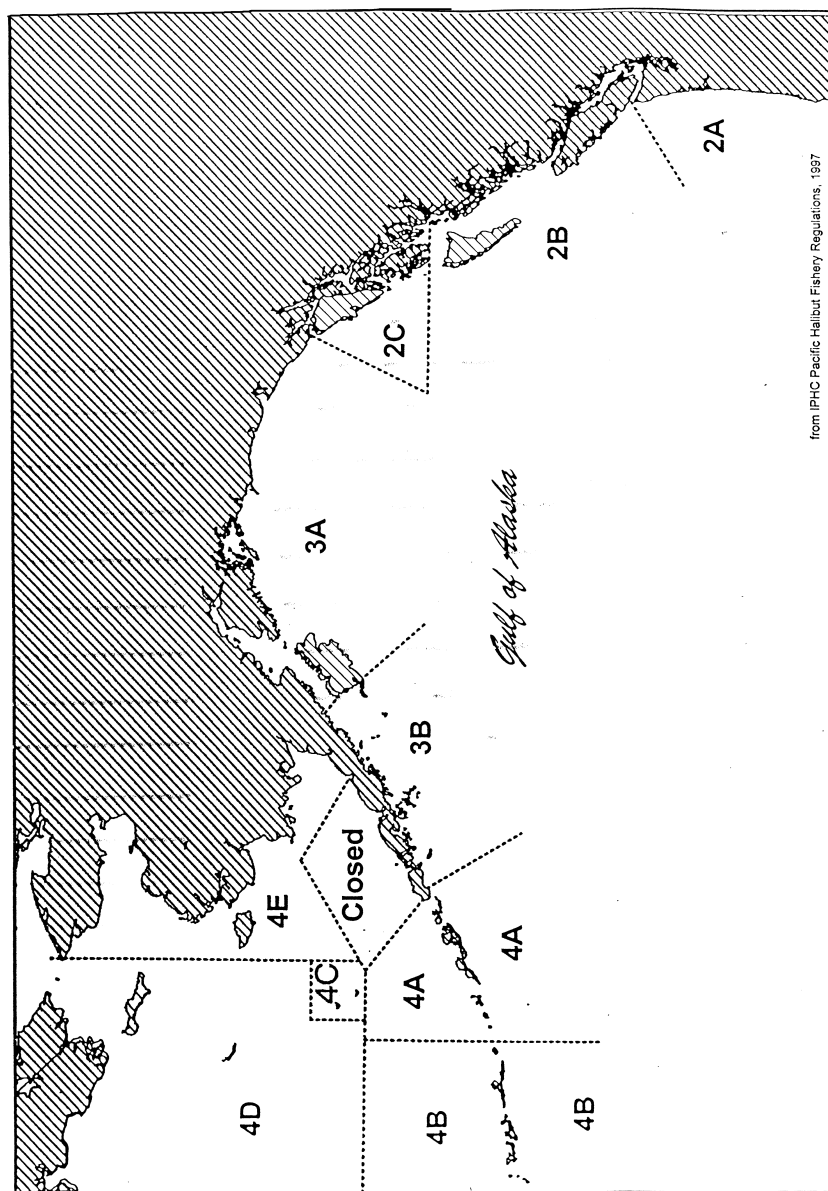


Figure 14 to Part 679. Sablefish Regulatory Areas and Districts

NOTE: Refer to Figures 1 and 3 for coordinates.

[64 FR 62002, Nov. 15, 2000]

FIGURE 15 TO PART 679—REGULATORY AREAS FOR THE PACIFIC HALIBUT FISHERY

Figure 15 to Part 679. Regulatory Areas for the Pacific Halibut Fishery
a. Map

b. Coordinates

Area 2A includes all waters off the states of California, Oregon, and Washington;

Area 2B includes all waters off British Columbia;

Area 2C includes all waters off Alaska that are east of a line running 340° true from Cape

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Spencer Light (58°11'57" N. lat., 136°38'18" W. long.) and south and east of a line running 205° true from said light;

Area 3A includes all waters between Area 2C and a line extending from the most northerly point on Cape Aklek (57°41'15" N. lat., 155°35'00" W. long.) to Cape Ikolik (57°17'17" N. lat., 154°47'18" W. long.), then along the Kodiak Island coastline to Cape Trinity (56°44'50" N. lat., 154°08'44" W. long.), then 140° true;

Area 3B includes all waters between Area 3A and a line extending 150° true from Cape Lutke (54°29'00" N. lat., 164°20'00" W. long.) and south of 54°49'00" N. lat. in Isanotski Strait;

Area 4A includes all waters in the GOA west of Area 3B and in the Bering Sea west of the closed area defined below that are east of 172°00'00" W. long. and south of 56°20'00" N. lat.;

Area 4B includes all waters in the Bering Sea and the GOA west of Area 4A and south of 56°20'00" N. lat.;

Area 4C includes all waters in the Bering Sea north of Area 4A and north of the closed area defined below which are east of 171°00'00"

W. long., south of 58°00'00" N. lat., and west of 168°00'00" W. long.;

Area 4D includes all waters in the Bering Sea north of Areas 4A and 4B, north and west of Area 4C, and west of 168°00'00" W. long.;

Area 4E includes all waters in the Bering Sea north and east of the closed area defined below, east of 168°00'00" W. long., and south of 65°34'00" N. lat.

Closed areas

All waters in the Bering Sea north of 54°49'00" N. lat. in Isanotski Strait that are enclosed by a line from Cape Sarichef Light (54°36'00" N. lat., 164°55'42" W. long.) to a point at 56°20'00" N. lat., 168°30'00" W. long.; thence to a point at 58°21'25" N. lat., 163°00'00" W. long.; thence to Stroganof Point (56°53'18" N. lat., 158°50'37" W. long.); and then along the northern coasts of the Alaska Peninsula and Unimak Island to the point of origin at Cape Sarichef Light.

In Area 2A, all waters north of Point Chelalis, WA (46°53'18" N. lat.).

[64 FR 62003, Nov. 15, 1999]

FIGURE 16 TO PART 679 [RESERVED]

FIGURE 17 TO PART 679 [RESERVED]

FIGURE 18 TO PART 679—SITKA PINNACLES MARINE RESERVE

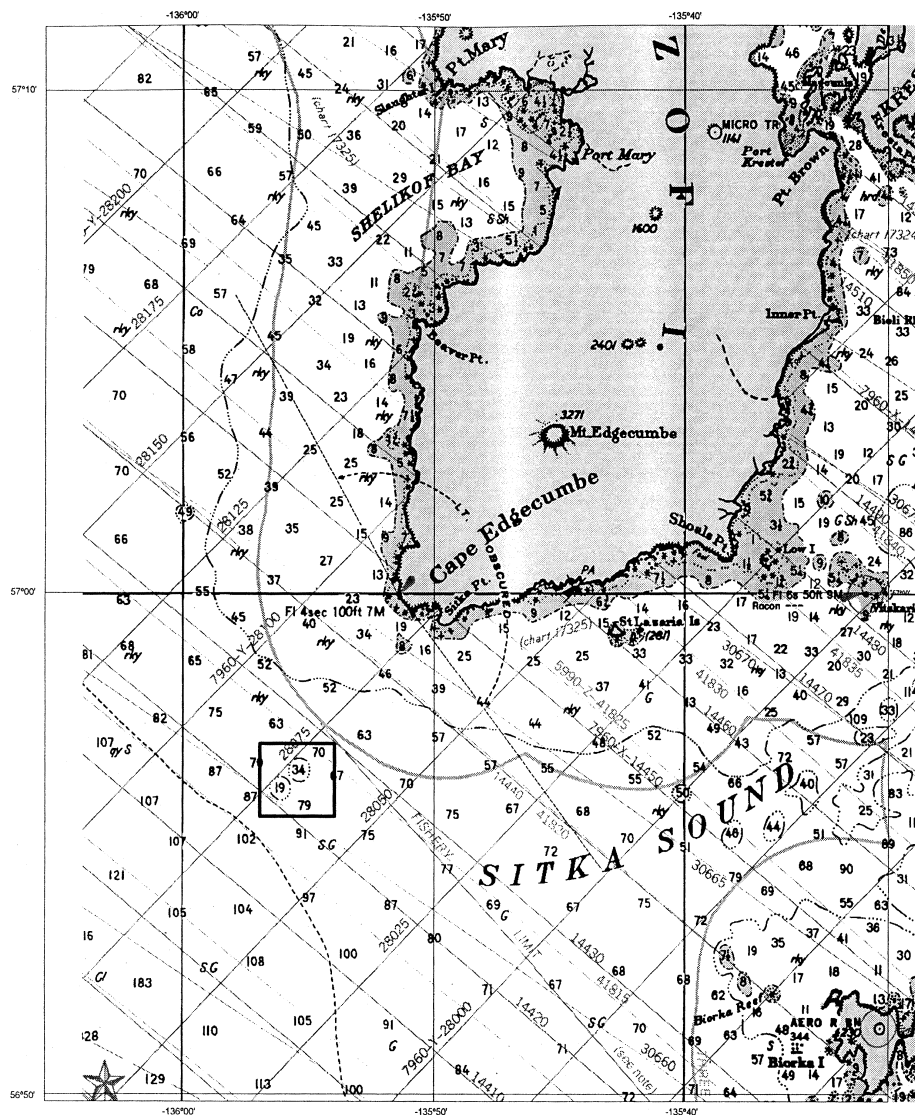


Figure 18 to Part 679. Sitka Pinnacles Marine Reserve (area enclosed within rectangle).

a. Map

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b. Coordinates

An area totaling 2.5 square nm off Cape Edgumbe, defined by straight lines connecting the following points in a counter-clockwise manner:

56°55.5'N lat., 135°54.0'W long;
56°57.0'N lat., 135°54.0'W long;
56°57.0'N lat., 135°57.0'W long;
56°55.5'N lat., 135°57.0'W long.

[65 FR 67308, Nov. 9, 2000]

FIGURE 19 TO PART 679—SHELIKOF STRAIT CONSERVATION AREA

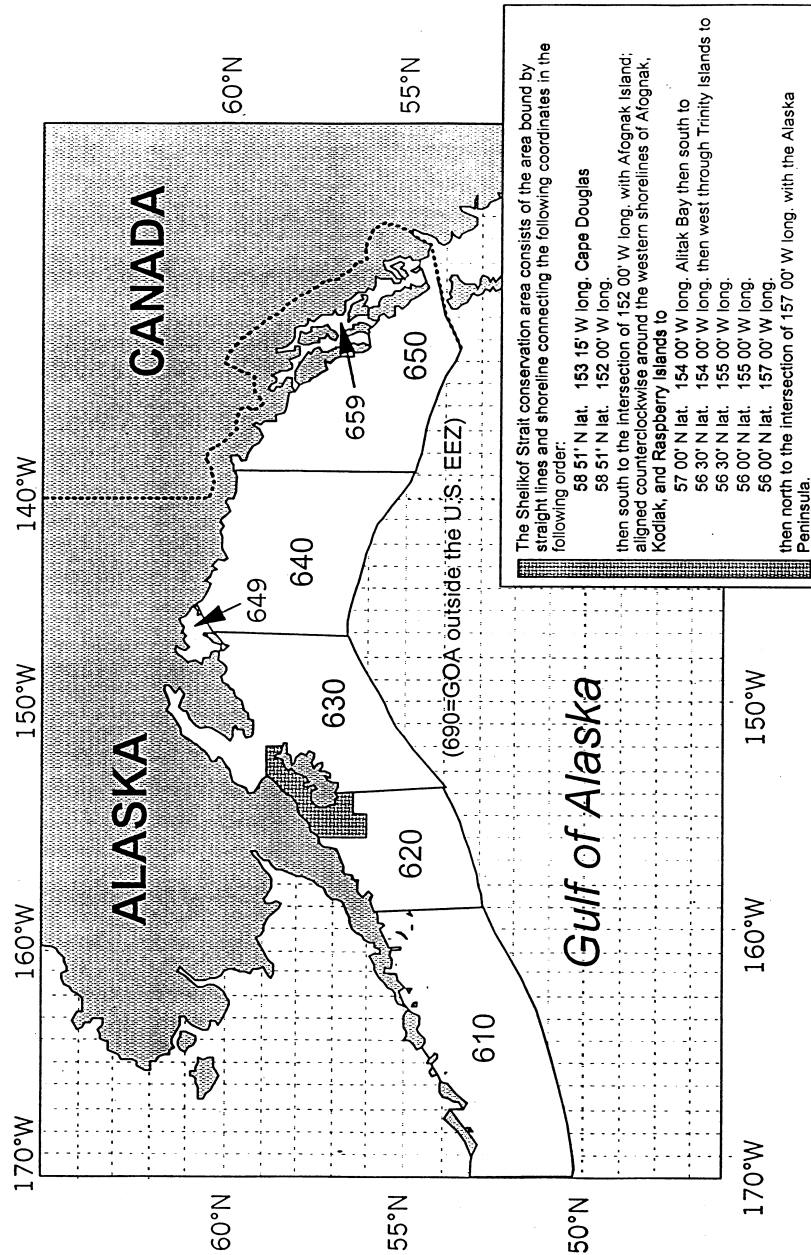


Figure 19 to Part 679. Shelikof Strait Conservation Area

FIGURE 20 TO PART 679—STELLER SEA LION CONSERVATION AREA (SCA) OF THE BERING SEA

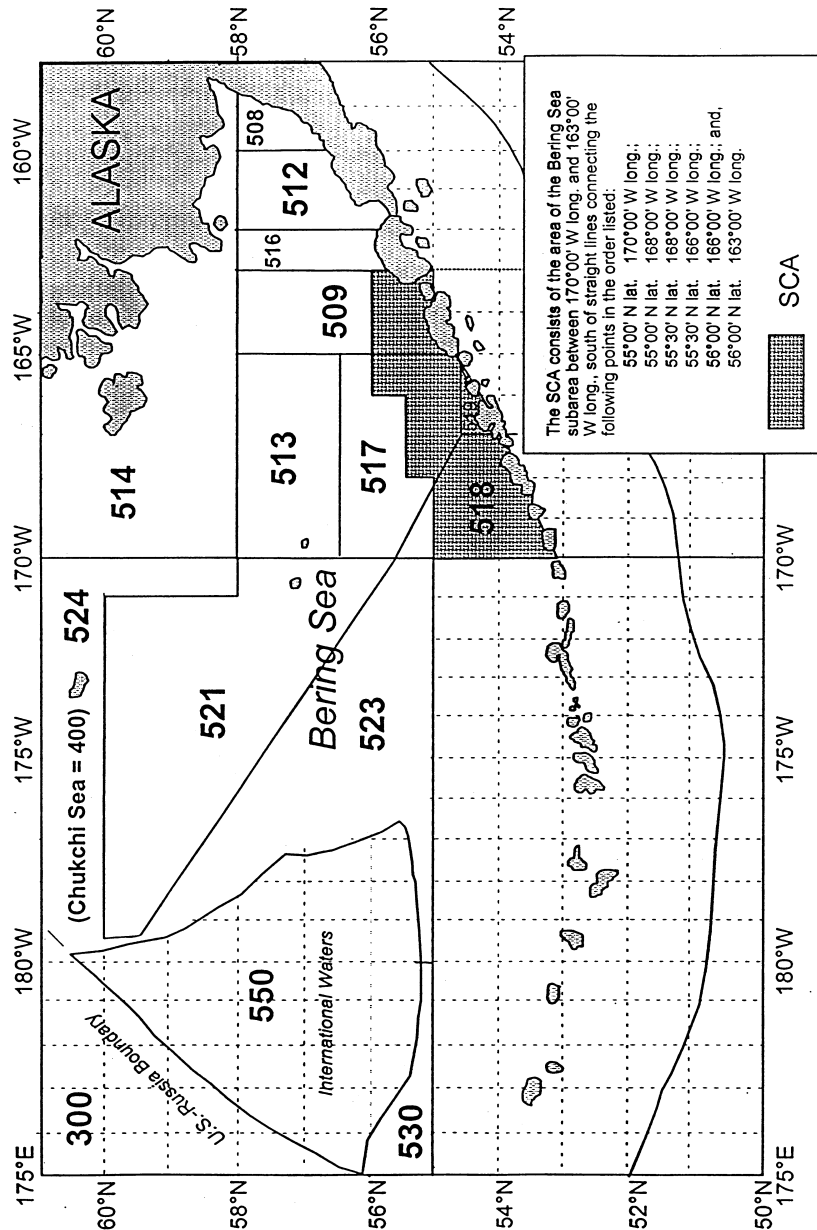


Figure 20 to Part 679. Steller sea lion conservation area (SCA) of the Bering Sea

FIGURE 21 [RESERVED]

FIGURE 22 TO PART 679—CHINIAK GULLY RESEARCH AREA (APPLICABLE THROUGH DECEMBER 31, 2010)

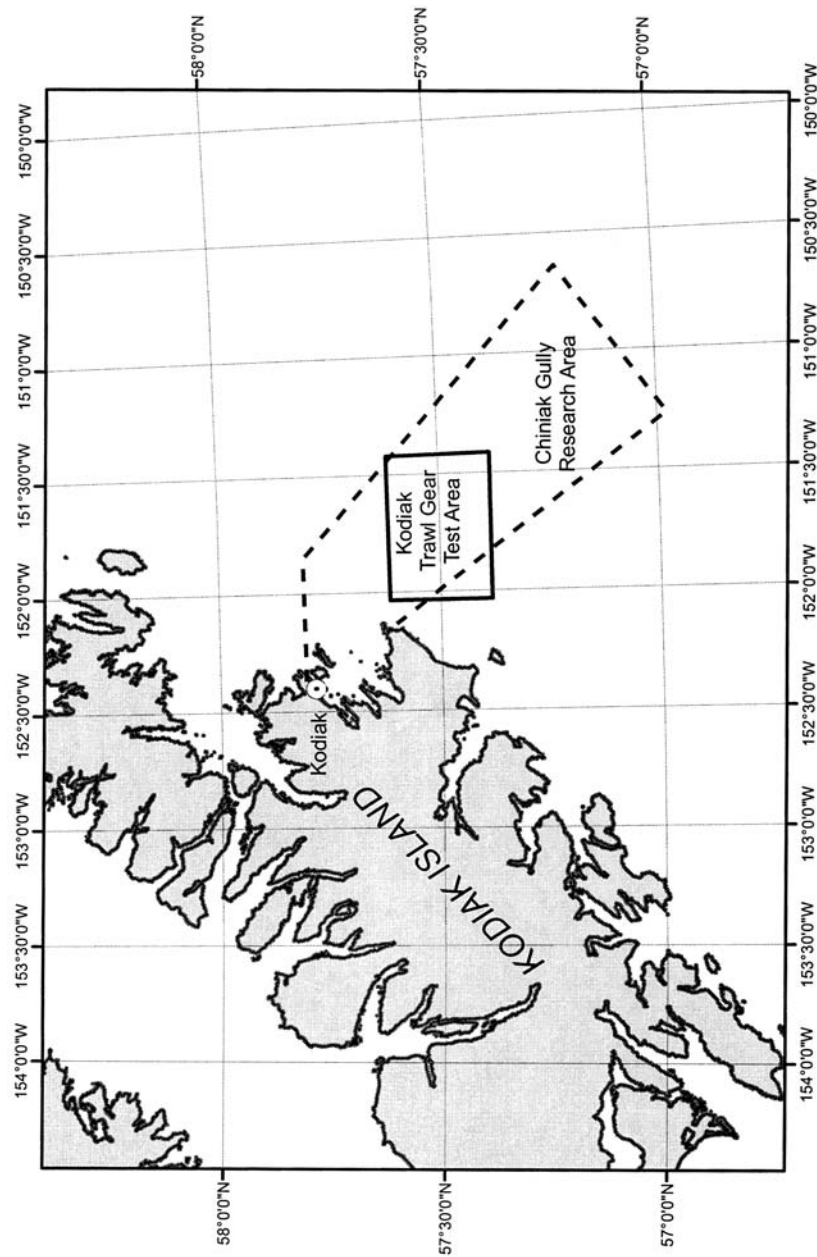


Figure 22 to Part 679 -- Chiniak Gully Research Area (applicable through December 31, 2010)

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EFFECTIVE DATE NOTE: At 71 FR 31107, June 1, 2006, Figure 22 to part 679 was added, effective July 3, 2006, through Dec. 31, 2010.

FIGURE 23 TO PART 679—SALMON MANAGEMENT AREA (SEE § 679.2)

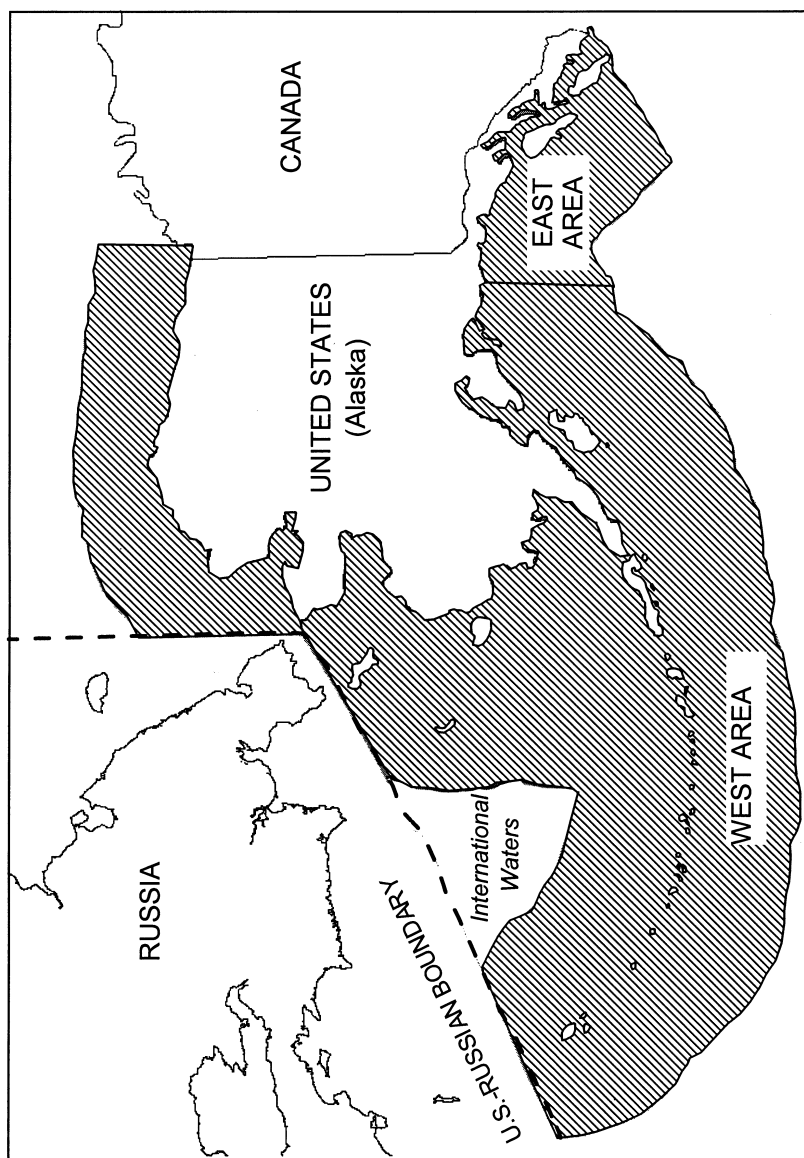


Figure 23 to Part 679 -- Salmon Management Area
(see § 679.2)

[69 FR 877, Jan. 7, 2004]

Pt. 679, Table 1

TABLE 1 TO PART 679—PRODUCT AND DELIVERY CODES

(These codes describe the condition of the fish at the point it is weighed and recorded)

Product Description	Code
GENERAL USE CODES*	
Belly flaps. Flesh in region of pelvic and pectoral fins and behind head. (ancillary only)	19
Bled only. Throat, or isthmus, slit to allow blood to drain.	03
Bled fish destined for fish meal (includes offsite production) DO NOT RECORD ON PTR.	42
Bones (if meal, report as 32) (ancillary only).	39
Butterfly, no backbone. Head removed, belly slit, viscera and most of backbone removed; fillets attached.	37
Cheeks. Muscles on sides of head (ancillary only)	17
Chins. Lower jaw (mandible), muscles, and flesh (ancillary only)	18
Fillets, deep-skin. Meat with skin, adjacent meat with silver lining, and ribs removed from sides of body behind head and in front of tail, resulting in thin fillets.	24
Fillets, skinless/boneless. Meat with both skin and ribs removed, from sides of body behind head and in front of tail.	23
Fillets with ribs, no skin. Meat with ribs with skin removed, from sides of body behind head and in front of tail.	22
Fillets with skin and ribs. Meat and skin with ribs attached, from sides of body behind head and in front of tail.	20
Fillets with skin, no ribs. Meat and skin with ribs removed, from sides of body behind head and in front of tail.	21
Fish meal. Meal from whole fish or fish parts; includes bone meal.	32
Fish oil. Rendered oil from whole fish or fish parts. Record only oil destined for sale and not oil stored or burned for fuel onboard.	33
Gutted, head on. Belly slit and viscera removed.	04
Head and gutted, with roe.	06
Headed and gutted, Western cut. Head removed just in front of the collar bone, and viscera removed.	07
Headed and gutted, Eastern cut. Head removed just behind the collar bone, and viscera removed.	08
Headed and gutted, tail removed. Head removed usually in front of collar bone, and viscera and tail removed.	10
Heads. Heads only, regardless where severed from body (ancillary only).	16

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(These codes describe the condition of the fish at the point it is weighed and recorded)

Product Description	Code
Kirimi (Steak) Head removed either in front or behind the collar bone, viscera removed, and tail removed by cuts perpendicular to the spine, resulting in a steak.	11
Mantles, octopus or squid. Flesh after removal of viscera and arms.	36
Milt. (in sacs, or testes) (ancillary only).	34
Minced. Ground flesh.	31
Other retained product. If product is not listed on this table, enter code 97 and write a description with product recovery rate next to it in parentheses.	97
Pectoral girdle. Collar bone and associated bones, cartilage and flesh.	15
Roe. Eggs, either loose or in sacs, or skeins (ancillary only).	14
Salted and split. Head removed, belly slit, viscera removed, fillets cut from head to tail but remaining attached near tail. Product salted.	12
Stomachs. Includes all internal organs (ancillary only)	35
Surimi. Paste from fish flesh and additives	30
Whole fish/meal. Whole fish destined for meal (includes offsite production.) DO NOT RECORD ON PTR.	41 ¹
Whole fish/food fish.	01 ¹
Whole fish/bait. Processed for bait. Sold	02
Wings. On skates, side fins are cut off next to body.	13
DISCARD/DISPOSITION CODES	
Whole fish/donated prohibited species. Number of Pacific salmon or Pacific halibut, otherwise required to be discarded, that is donated to charity under a NMFS-authorized program.	86
Whole fish/onboard bait. Whole fish used as bait on board vessel. Not sold.	92 ¹
Whole fish/damaged. Whole fish damaged by observer's sampling procedures.	93 ¹
Whole fish/personal use, consumption. Fish or fish products eaten on board or taken off the vessel for personal use. Not sold or utilized as bait	95 ¹
Whole fish, discard, at sea. Whole groundfish and prohibited species discarded by catcher vessels, catcher/processors, motherships, or vessel buying stations. DO NOT RECORD ON PTR.	98
Whole fish, discard, infested. Flea-infested fish, parasite-infested fish.	88
Whole fish, discard, decomposed. Decomposed or previously discarded fish	89

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(These codes describe the condition of the fish at the point it is weighed and recorded)

Product Description	Code
Whole fish, discard, onshore. Discard after delivery and before processing by shoreside processors, stationary floating processors and buying stations and in-plant discard of whole ground-fish and prohibited species during processing. DO NOT RECORD ON PTR.	99
PRODUCT DESIGNATION CODES	
Ancillary product. A product, such as meal, heads, internal organs, pectoral girdles, or any other product that may be made from the same fish as the primary product.	A
Primary product. A product, such as fillets, made from each fish, with the highest recovery rate.	P
Reprocessed or rehandled product. A product, such as meal, that results from processing a previously reported product or from rehandling a previously reported product.	R
PACIFIC HALIBUT IFQ & CDQ CODES The following codes are authorized for IFQ and CDQ reporting of Pacific halibut.	
Gutted, head off. Belly slit and viscera removed. Pacific halibut only.	05
Gutted, head on. Belly slit and viscera removed. Pacific halibut.	04
The following codes are effective through December 31, 2001.	
Whole fish/food fish with ice & slime. Sablefish only.	51
Gutted, head on. Belly slit and viscera removed. Pacific halibut and sablefish.	54
Gutted, head off, with ice & slime. Belly slit and viscera removed. Pacific halibut only.	55
Headed and gutted, Western cut, with ice & slime. Sablefish only.	57
Headed and gutted, Eastern cut, with ice & slime. Sablefish only.	58

¹ When using whole fish codes, record round weights not product weights, even if the whole fish is not used.

[67 FR 4137, Jan. 28, 2002]

TABLE 2a TO PART 679—SPECIES CODES:
FMP GROUND FISH

Species Description	Code
Atka mackerel (greenling)	193
Flatfish, miscellaneous (flatfish species without separate codes)	120
FLOUNDER	
Alaska plaice	133
Arrowtooth and/or Kamchatka	121

Species Description	Code
Starry	129
Octopus	870
Pacific cod	110
Pollock	270
ROCKFISH	
Aurora (<i>S. aurora</i>)	185
Black (BSAI) (<i>S. melanops</i>)	142
Blackgill (<i>S. melanostomus</i>)	177
Blue (BSAI) (<i>S. mystinus</i>)	167
Bocaccio (<i>S. paucispinis</i>)	137
Canary (<i>S. pinniger</i>)	146
Chilipepper (<i>S. goodei</i>)	178
China (<i>S. nebulosus</i>)	149
Copper (<i>S. caurinus</i>)	138
Darkblotched (<i>S. crameri</i>)	159
Dusky (<i>S. ciliatus</i>)	154
Greenstriped (<i>S. elongatus</i>)	135
Harlequin (<i>S. variegatus</i>)	176
Northern (<i>S. polyspinis</i>)	136
Pacific ocean perch (<i>S. alutus</i>)	141
Pygmy (<i>S. wilsoni</i>)	179
Quillback (<i>S. maliger</i>)	147
Redbanded (<i>S. babcocki</i>)	153
Redstripe (<i>S. proriger</i>)	158
Rosethorn (<i>S. helvomaculatus</i>)	150
Rougheye (<i>S. aleutianus</i>)	151
Sharpchin (<i>S. zacentrus</i>)	166
Shortbelly (<i>S. jordani</i>)	181
Shortraker (<i>S. borealis</i>)	152
Silvergray (<i>S. brevispinis</i>)	157
Splitnose (<i>S. diploproa</i>)	182
Stripetail (<i>S. saxicola</i>)	183
Thornyhead (all <i>Sebastolobus</i> species)	143
Tiger (<i>S. nigrocinctus</i>)	148
Vermilion (<i>S. miniatus</i>)	184
Widow (<i>S. entomelas</i>)	156
Yelloweye (<i>S. ruberrimus</i>)	145
Yellowmouth (<i>S. reed</i>)	175

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Species Description	Code
Yellowtail (<i>S. flavidus</i>)	155
Sablefish (blackcod)	710
Sculpins	160
SHARKS	
Other (if salmon, spiny dogfish or Pacific sleeper shark - use specific species code)	689
Pacific sleeper	692
Salmon	690
Spiny dogfish	691
SKATES	
Big	702
Longnose	701
Other (if longnose or big skate - use specific species code)	700
SOLE	
Butter	126
Dover	124
English	128
Flathead	122
Petrale	131
Rex	125
Rock	123
Sand	132
Yellowfin	127
Squid	875
Turbot, Greenland	134

[70 FR 75083, Dec. 19, 2005]

TABLE 2b TO PART 679—SPECIES CODE:
FMP PROHIBITED SPECIES

Species Description	Code
CRAB	
King, blue	922
King, golden (brown)	923
King, red	921
King, scarlet	924
Tanner, Bairdi (<i>C. bairdi</i>)	931
Tanner, grooved	933
Tanner, snow (<i>C. opilio</i>)	932
Tanner, triangle	934

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Species Description	Code
Pacific halibut	200
Pacific herring (family <i>Clupeidae</i>)	235
SALMON	
Chinook	410
Chum	450
Coho	430
Pink	440
Sockeye	420
Steelhead trout	540

[70 FR 75083, Dec. 19, 2005]

TABLE 2c TO PART 679—SPECIES CODES:
FMP FORAGE FISH SPECIES (ALL
SPECIES OF THE FOLLOWING FAMILIES)

Species Description	Code
Bristlemouths, lightfishes, and anglemouths (family <i>Gonostomatidae</i>)	209
Capelin smelt (family <i>Osmeridae</i>)	516
Deep-sea smelts (family <i>Bathylagidae</i>)	773
Eulachon smelt (family <i>Osmeridae</i>)	511
Gunnels (family <i>Pholidae</i>)	207
Krill (order <i>Euphausiacea</i>)	800
Laternfishes (family <i>Myctophidae</i>)	772
Pacific sandfish (family <i>Trichodontidae</i>)	206
Pacific sand lance (family <i>Ammodytidae</i>)	774
Pricklebacks, war-bonnets, eelblennys, cockscombs and shannys (family <i>Stichaeidae</i>)	208
Surf smelt (family <i>Osmeridae</i>)	515

[70 FR 75083, Dec. 19, 2005]

TABLE 2d TO PART 679—SPECIES CODES—
NON-FMP SPECIES

Species Description	Code
Abalone	860
Albacore	720
Arctic char, anadromous	521
CLAMS	
Butter	810
Cockle	820
Eastern softshell	842

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Species Description	Code	Species Description	Code
Geoduck	815	Pacific hagfish	212
Little-neck	840	Pacific hake	112
Razor	830	Pacific saury	220
Surf	812	Pacific tomcod	250
Coral	899	Prowfish	215
CRAB		Rockfish, black (GOA)	142
Box	900	Rockfish, blue (GOA)	167
Dungeness	910	Sardine, Pacific (pilchard)	170
Korean horsehair	940	Scallop, weathervane	850
Multispina (<i>Paralomis multispina</i>)	951	Scallop, pink (or calico)	851
Verrilli (<i>Paralomis verrilli</i>)	953	Sea cucumber	895
Dolly varden, anadromous	531	Sea urchin, green	893
Eels or eel-like fish	210	Sea urchin, red	892
Giant grenadier	214	Shad	180
GREENLING		SHRIMP	
Kelp	194	Coonstripe	964
Rock	191	Humpy	963
Whitespot	192	Northern (pink)	961
Grenadier (rattail)	213	Sidestripe	962
Jellyfish	625	Spot	965
Lamprey, Pacific	600	Skiffish	715
Lingcod	130	Smelt, surf	515
Lumpsucker	216	Snails	890
Mussel, blue	855	Sturgeon, general	680
Pacific flatnose	260		

[70 FR 75083, Dec. 19, 2005]

TABLE 3 TO PART 679—PRODUCT RECOVERY RATES FOR GROUNDFISH SPECIES AND
CONVERSION RATES FOR PACIFIC HALIBUTTable 3 to Part 679--Product Recovery Rates for groundfish species and
conversion rates for Pacific halibut

FMP SPECIES	Species Code	PRODUCT CODE											14 ROE
		1, 2, 41, 86, 92, 93, 95 WHOLE FISH	3, 42 BLED	4 GUTTED HEAD ON	5 GUTTED HEAD OFF (NET WEIGHT)	6 H&G WITH ROE	7 H&G WESTERN CUT	8 H&G EASTERN CUT	10 H&G W/O TAIL	11 KIRIMI	12 SALTED & SPLIT	13 WINGS	
PACIFIC COD	110	1.00	0.98	0.85	---	0.63	0.57	0.47	0.44	---	0.45	---	0.05
ARROWTOOTH FLOUNDER	121	1.00	0.98	0.90	---	0.80	0.72	0.65	0.62	0.48	---	---	0.08
FLATHEAD SOLE	122	1.00	0.98	0.90	---	0.80	0.72	0.65	0.62	0.48	---	---	0.08
ROCK SOLE	123	1.00	0.98	0.90	---	0.80	0.72	0.65	0.62	0.48	---	---	0.08
DOVER SOLE	124	1.00	0.98	0.90	---	0.80	0.72	0.65	0.62	0.48	---	---	0.08
REX SOLE	125	1.00	0.98	0.90	---	0.80	0.72	0.65	0.62	0.48	---	---	0.08
YELLOWFIN SOLE	127	1.00	0.98	0.90	---	0.80	0.72	0.65	0.62	0.48	---	---	0.08
GREENLAND TURBOT	134	1.00	0.98	0.90	---	0.80	0.72	0.65	0.62	0.48	---	---	0.08
THORNYHEAD ROCKFISH	143	1.00	0.98	0.88	---	0.55	0.60	0.50	---	---	---	---	---
SCULPINS	160	1.00	0.98	0.87	---	---	0.50	0.40	---	---	---	---	---
ATKA MACKEREL	193	1.00	0.98	0.87	---	0.40	0.64	0.61	---	---	---	---	---
POLLOCK	270	1.00	0.98	0.80	---	0.70	0.65	0.56	0.50	0.35	---	---	0.07
SMELTS	510	1.00	0.98	0.82	---	---	0.71	---	---	---	---	---	---
BULLCHON	511	1.00	0.98	0.82	---	---	0.71	---	---	---	---	---	---
CAPELIN	516	1.00	0.98	0.89	---	---	0.78	---	---	---	---	---	---
SHARKS	689	1.00	0.98	0.83	---	---	0.72	---	---	---	---	---	---
SKATES	700	1.00	0.98	0.90	---	---	---	0.32	---	---	---	0.32	---
SABLEFISH	710	1.00	0.98	0.89	---	---	0.68	0.63	0.50	---	---	---	---
OCTOPUS	870	1.00	0.98	0.81	---	---	---	---	---	---	---	---	---
SQUID	875	1.00	0.98	0.69	---	---	---	---	---	---	---	---	---
ROCKFISH	---	1.00	0.98	0.88	---	---	0.60	0.50	---	---	---	---	---
PACIFIC HALIBUT	200	---	---	0.90	1.0	---	---	---	---	---	---	---	---

Table 3 to Part 679--Product Recovery Rates for groundfish species and conversion rates for Pacific halibut

FMP SPECIES	Species Code	PRODUCT CODE											
		15	16	17	18	19	20	21	22	23	24	30	31
		PECTORAL GIRDLE	HEADS	CHEEKS	CHINS	BELLY	FILETS W/SKIN & RIBS	FILETS W/SKIN NO RIBS	FILETS W/RIBS NO SKIN	FILETS SKINLESS/BONELESS	FILETS DEEP SKIN	SURIMI	MINCE
PACIFIC COD	110	0.05	...	0.05	...	0.01	0.45	0.35	0.25	0.25	...	0.15	0.5
ARROWTOOTH FLOUNDER	121	...	...	...	...	...	0.32	0.27	0.27	0.22	...	...	...
FLATHEAD SOLE	122	...	...	...	...	...	0.32	0.27	0.27	0.22	...	...	...
ROCK SOLE	123	...	...	...	...	...	0.32	0.27	0.27	0.22	...	...	...
DOVER SOLE	124	...	...	...	...	...	0.32	0.27	0.27	0.22	...	...	...
REX SOLE	125	...	...	...	...	...	0.32	0.27	0.27	0.22	...	...	...
YELLOWFIN SOLE	127	...	...	...	...	...	0.32	0.27	0.27	0.22	...	0.18	...
GREENLAND TURBOT	134	...	...	...	...	...	0.32	0.27	0.27	0.22	...	...	...
THORNYHEAD ROCKFISH	143	...	0.20	0.05	0.05	0.05	0.40	0.30	0.35	0.25	...	...	...
SCULPINS	160	...	...	...	...	...	...	...	...	...	...	...	...
ATKA MACKEREL	193	...	...	...	...	...	...	...	...	...	...	0.15	...
POLLOCK	270	...	0.15	...	...	...	0.35	0.30	0.30	0.21	0.16	0.16/0.17	0.22
SMELTS	510	...	...	...	...	...	...	0.38	...	...	...	...	...
EULACHON	511	...	...	...	...	...	...	0.38	...	...	...	...	...
CAPELIN	516	...	...	...	...	...	...	...	...	...	...	...	...
SHARKS	689	...	...	...	...	...	...	0.30	0.30	0.25	...	...	...
SKATES	700	...	...	...	...	...	...	...	...	...	...	...	...
SABLEFISH	710	...	...	0.05	...	...	0.35	0.30	0.30	0.25	...	...	...
OCTOPUS	870	...	...	...	...	...	...	...	...	...	...	...	...
SQUID	875	...	...	...	...	...	...	...	...	...	...	...	...
ROCKFISH	...	...	0.15	0.05	0.05	0.10	0.40	0.30	0.33	0.25	...	...	...
Conversion rates to Net Weight for PACIFIC HALIBUT	200	...	—	—	...	...	...	...	...	...	...	...	...

Table 3 to Part 679--Product Recovery Rates for groundfish species and conversion rates for Pacific halibut

FMP SPECIES	Species Code	PRODUCT CODE							
		32 MEAL	33 OIL	34 MILK	35 STOMACHS	36 MANTLES	37 BUTTERFLY BACKBONE REMOVED	88, 89 INVESTED OR DECOMPOSED FISH	98, 99 DISCARDS
PACIFIC COD	110	0.17	...	...	...	...	0.43	0.00	1.00
ARROWTOOTH FLOUNDER	121	0.17	...	...	...	...	...	0.00	1.00
FLATHEAD SOLE	122	0.17	...	...	...	...	...	0.00	1.00
ROCK SOLE	123	0.17	...	...	...	...	...	0.00	1.00
DOVER SOLE	124	0.17	...	...	...	...	...	0.00	1.00
REX SOLE	125	0.17	...	...	...	...	...	0.00	1.00
YELLOWFIN SOLE	127	0.17	...	...	...	...	...	0.00	1.00
GREENLAND TURBOT	134	0.17	...	...	...	...	...	0.00	1.00
THORNYHEAD ROCKFISH	143	0.17	...	...	...	...	...	0.00	1.00
SCULPINS	160	0.17	...	...	...	...	...	0.00	1.00
ATKA MACKEREL	193	0.17	...	...	...	...	...	0.00	1.00
POLLOCK	270	0.17	...	...	...	...	0.43	0.00	1.00
SMELTS	310	0.17	...	...	...	...	...	0.00	1.00
BULACHON	311	0.17	...	...	...	...	...	0.00	1.00
CAPELIN	316	0.17	...	...	...	...	...	0.00	1.00
SHARKS	689	0.17	...	...	...	...	...	0.00	1.00
SKATES	700	0.17	...	...	...	...	...	0.00	1.00
SABLEFISH	710	0.17	...	...	...	...	...	0.00	1.00
OCTOPUS	870	0.17	...	...	...	0.85	...	0.00	1.00
SQUID	875	0.17	...	...	...	0.75	...	0.00	1.00
ROCKFISH	...	...	...	...	...	...	...	0.00	1.00
Conversion rate to Net Weight for PACIFIC HALIBUT	200	...	...	...	...	...	...	0.00	0.75

¹Standard pollock surimi rate during January through June

²Standard pollock surimi rate during July through December.

Notes: To obtain round weight of groundfish, divide the product weight of groundfish by the table pwr.
To obtain IFQ net weight of Pacific halibut, multiply the product weight of halibut by the table conversion rate
To obtain round weight from net weight of Pacific halibut, divide net weight by 0.75 or multiply by 1.33333.

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TABLE 4 TO PART 679—STELLER SEA LION PROTECTION AREAS POLLOCK FISHERIES RESTRICTIONS

Column Number 1	2	3	4	5	6	7
Site Name	Area or Subarea	Boundaries from Latitude	Boundaries from Longitude	Boundaries to ¹ Latitude	Boundaries to ¹ Longitude	Pollock No-fishing Zones for Trawl Gear ^{2,8} (nm)
St. Lawrence I./S Punuk I.	Bering Sea	63 04.00 N	168 51.00 W			20
St. Lawrence I./SW Cape Hall I.	Bering Sea	63 18.00 N	171 26.00 W			20
St. Paul I./Sea Lion Rock	Bering Sea	60 37.00 N	173 00.00 W			20
St. Paul I./NE Pt.	Bering Sea	57 06.00 N	170 17.50 W			3
Walrus I. (Pribilofs)	Bering Sea	57 15.00 N	170 06.50 W			3
St. George I./Dalnoi Pt.	Bering Sea	57 11.00 N	169 56.00 W			10
St. George I./S Rookery	Bering Sea	56 36.00 N	169 46.00 W			3
Cape Newenham	Bering Sea	56 33.50 N	169 40.00 W			3
Round (Walrus Islands)	Bering Sea	58 39.00 N	162 10.50 W			20
Attu I./Cape Wrangell	Bering Sea	58 36.00 N	159 58.00 W			20
Agattu I./Gillon Pt.	Aleutian I.	52 54.60 N	172 27.90 E	52 55.40 N	172 27.20 E	20
Attu I./Chirikof Pt.	Aleutian I.	52 24.13 N	173 21.31 E			20
Agattu I./Cape Sabak	Aleutian I.	52 49.75 N	173 26.00 E			20
Alaid I.	Aleutian I.	52 22.50 N	173 43.30 E	52 21.80 N	173 41.40 E	20
Shemya I.	Aleutian I.	52 46.50 N	173 51.50 E	52 45.00 N	173 56.50 E	20
Buldir I.	Aleutian I.	52 44.00 N	174 08.70 E			20
Kiska I./Cape St. Stephen	Aleutian I.	52 20.25 N	175 54.03 E	52 20.38 N	175 53.85 E	20
Kiska I./Sobaka & Vega	Aleutian I.	51 52.50 N	177 12.70 E	51 53.50 N	177 12.00 E	20
Kiska I./Lief Cove	Aleutian I.	51 49.50 N	177 19.00 E	51 48.50 N	177 20.50 E	20
Kiska I./Sirius Pt.	Aleutian I.	51 57.16 N	177 20.41 E	51 57.24 N	177 20.53 E	20
Tanadak I. (Kiska)	Aleutian I.	52 08.50 N	177 36.50 E			20
Segula I.	Aleutian I.	51 56.80 N	177 46.80 E			20
Ayugadak Point	Aleutian I.	51 59.90 N	178 05.80 E	52 03.06 N	178 08.80 E	20
Rat I./Krysi Pt.	Aleutian I.	51 45.36 N	178 24.30 E			20
Little Sitkin I.	Aleutian I.	51 49.98 N	178 12.35 E			20
Amchitka I./Column Rocks	Aleutian I.	51 59.30 N	178 29.80 E			20
Amchitka I./East Cape	Aleutian I.	51 32.32 N	178 49.28 E			20
Amchitka I./Cape Ivakin	Aleutian I.	51 22.26 N	179 27.93 E	51 22.00 N	179 27.00 E	20
Semisopchnoi/Petrel Pt.	Aleutian I.	51 24.46 N	179 24.21 E			20
Semisopchnoi I./Pochnoi Pt.	Aleutian I.	52 01.40 N	179 36.90 E	52 01.50 N	179 39.00 E	20
Amatignak I. Nitrof Pt.	Aleutian I.	51 57.30 N	179 46.00 E			20
Unalga & Dinkum Rocks	Aleutian I.	51 13.00 N	179 07.80 W			20
Ulak I./Hasgox Pt.	Aleutian I.	51 33.67 N	179 04.25 W	51 35.09 N	179 03.66 W	20
Kavagga I.	Aleutian I.	51 18.90 N	178 58.90 W	51 18.70 N	178 59.60 W	20
Tag I.	Aleutian I.	51 34.50 N	178 51.73 W	51 34.50 N	178 49.50 W	20
Ugidak I.	Aleutian I.	51 33.50 N	178 34.50 W			20
Gramp Rock	Aleutian I.	51 34.95 N	178 30.45 W			20
Tanaga I./Bumpy Pt.	Aleutian I.	51 28.87 N	178 20.58 W			20
Bobrof I.	Aleutian I.	51 55.00 N	177 58.50 W	51 55.00 N	177 57.10 W	20
Kanaga I./Ship Rock	Aleutian I.	51 54.00 N	177 27.00 W			20
Kanaga I./North Cape	Aleutian I.	51 46.70 N	177 20.72 W			20
Adak I.	Aleutian I.	51 56.50 N	177 09.00 W			20
Little Tanaga Strait	Aleutian I.	51 35.50 N	176 57.10 W	51 37.40 N	176 59.60 W	20
Great Sitkin I.	Aleutian I.	51 49.09 N	176 13.90 W			20
Anagaksik I.	Aleutian I.	52 06.00 N	176 10.50 W	52 06.60 N	176 07.00 W	20
Kasatochi I.	Aleutian I.	51 50.86 N	175 53.00 W			20
Atka I./North Cape	Aleutian I.	52 11.11 N	175 31.00 W			20
Amlia I./Sviech. Harbor ¹¹	Aleutian I.	52 24.20 N	174 17.80 W			20
Sagigik I. ¹¹	Aleutian I.	52 01.80 N	173 23.90 W			20
Amlia I./East ¹¹	Aleutian I.	52 00.50 N	173 09.30 W			20
Tanadak I. (Amlia ¹¹)	AIX	52 05.70 N	172 59.00 W	52 05.75 N	172 57.50 W	20
Agligadak I. ¹¹	Aleutian I.	52 04.20 N	172 57.60 W			20
Seguam I./Saddleridge Pt. ¹¹	Aleutian I.	52 06.09 N	172 54.23 W			20
Seguam I./Finch Pt.	Aleutian I.	52 21.05 N	172 34.40 W	52 21.02 N	172 33.60 W	20
Seguam I./South Side	Aleutian I.	52 23.40 N	172 27.70 W	52 23.25 N	172 24.30 W	20
Amukta I. & Rocks	Aleutian I.	52 21.60 N	172 19.30 W	52 15.55 N	172 31.22 W	20
Chagulak I.	Aleutian I.	52 27.25 N	171 17.90 W			20
Yunaska I.	Aleutian I.	52 34.00 N	171 10.50 W			20
Uliaga ⁹	Bering Sea	52 41.40 N	170 36.35 W			20
Chuginadak	Bering Sea	53 04.00 N	169 47.00 W	53 05.00 N	169 46.00 W	20,10
Kagamil ⁹	Gulf of Alaska	52 46.70 N	169 41.90 W			20
Samalga	Bering Sea	53 02.10 N	169 41.00 W			20,10
	Gulf of Alaska	52 46.00 N	169 15.00 W			20

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Column Number 1	2	3	4	5	6	7
Site Name	Area or Subarea	Boundaries from Latitude	Boundaries from Longitude	Boundaries to ¹ Latitude	Boundaries to ¹ Longitude	Pollock No-fishing Zones for Trawl Gear ^{2,8} (nm)
Adugak I. ³	Bering Sea	52 54.70 N	169 10.50 W			10
Umnak I./Cape Aslik ³	Bering Sea	53 25.00 N	168 24.50 W			BA
Ogchul I.	Gulf of Alaska	52 59.71 N	168 24.24 W			20
Bogoslof I./Fire I. ³	Bering Sea	53 55.69 N	168 02.05 W			BA
Polivnoi Rock	Gulf of Alaska	53 15.96 N	167 57.99 W			20
Emerald I.	Gulf of Alaska	53 17.50 N	167 51.50 W			20
Unalaska/Cape Izigan	Gulf of Alaska	53 13.64 N	167 39.37 W			20
Unalaska/Bishop Pt. ⁹	Bering Sea	53 58.40 N	166 57.50 W			10
Akutan I./Reef-lava ⁹	Bering Sea	54 08.10 N	166 06.19 W	54 09.10 N	166 05.50 W	10
Unalaska I./Cape Sedanka ⁶	Gulf of Alaska	53 50.50 N	166 05.00 W			20
Old Man Rocks ⁶	Gulf of Alaska	53 52.20 N	166 04.90 W			20
Akutan I./Cape Morgan ⁶	Gulf of Alaska	54 03.39 N	165 59.65 W	54 03.70 N	166 03.68 W	20
Akun I./Billings Head ⁹	Bering Sea	54 17.62 N	165 32.06 W	54 17.57 N	165 31.71 W	10
Rootok ⁶	Gulf of Alaska	54 03.90 N	165 31.90 W	54 02.90 N	165 29.50 W	20
Tanginak I. ⁶	Gulf of Alaska	54 12.00 N	165 19.40 W			20
Tigalda/Rocks NE ⁶	Gulf of Alaska	54 09.60 N	164 59.00 W	54 09.12 N	164 57.18 W	20
Unimak/Cape Sarichef ⁹	Bering Sea	54 34.30 N	164 56.80 W			10
Aiktak ⁶	Gulf of Alaska	54 10.99 N	164 51.15 W			20
Ugamak I. ⁶	Gulf of Alaska	54 13.50 N	164 47.50 W	54 12.80 N	164 47.50 W	20
Round (GOA) ⁶	Gulf of Alaska	54 12.05 N	164 46.60 W			20
Sea Lion Rock (Amak) ⁹	Bering Sea	55 27.82 N	163 12.10 W			10
Amak I. And rocks ⁹	Bering Sea	55 24.20 N	163 09.60 W	55 26.15 N	163 08.50 W	10
Bird I.	Gulf of Alaska	54 40.00 N	163 17.2 W			10
Caton I.	Gulf of Alaska	54 22.70 N	162 21.30 W			3
South Rocks	Gulf of Alaska	54 18.14 N	162 41.3 W			10
Clubbing Rocks (S)	Gulf of Alaska	54 41.98 N	162 26.7 W			10
Clubbing Rocks (N)	Gulf of Alaska	54 42.75 N	162 26.7 W			10
Pinnacle Rock	Gulf of Alaska	54 46.06 N	161 45.85 W			3
Sushilnoi Rocks	Gulf of Alaska	54 49.30 N	161 42.73 W			10
Olga Rocks	Gulf of Alaska	55 00.45 N	161 29.81 W	54 59.09 N	161 30.89 W	10
Jude I.	Gulf of Alaska	55 15.75 N	161 06.27 W			20
Sea Lion Rocks (Shumagins)	Gulf of Alaska	55 04.70 N	160 31.04 W			3
Nagai I./Mountain Pt.	Gulf of Alaska	54 54.20 N	160 15.40 W	54 56.00 N	160 15.00 W	3
The Whaleback	Gulf of Alaska	55 16.82 N	160 05.04 W			3
Chernabura I.	Gulf of Alaska	54 45.18 N	159 32.99 W	54 45.87 N	159 35.74 W	20
Castle Rock	Gulf of Alaska	55 16.47 N	159 29.77 W			3
Atkins I.	Gulf of Alaska	55 03.20 N	159 17.40 W			20
Spitz I.	Gulf of Alaska	55 46.60 N	158 53.90 W			3
Mitrofanina	Gulf of Alaska	55 50.20 N	158 41.90 W			3
Kak	Gulf of Alaska	56 17.30 N	157 50.10 W			20
Lighthouse Rocks	Gulf of Alaska	55 46.79 N	157 24.89 W			20
Sutwik I.	Gulf of Alaska	56 31.05 N	157 20.47 W	56 32.00 N	157 21.00 W	20
Chowiet I.	Gulf of Alaska	56 00.54 N	156 41.42 W	55 00.30 N	156 41.60 W	20
Nagai Rocks	Gulf of Alaska	55 49.80 N	155 47.50 W			20
Chirikof I.	Gulf of Alaska	55 46.50 N	155 39.50 W	55 46.44 N	155 43.46 W	20
Puale Bay ¹²	Gulf of Alaska	57 40.60 N	155 23.10 W			3,10
Kodiak/Cape Ikolik	Gulf of Alaska	57 17.20 N	154 47.50 W			3
Takli I.	Gulf of Alaska	58 01.75 N	154 31.25 W			10
Cape Kuliak	Gulf of Alaska	58 08.00 N	154 12.50 W			10
Cape Gull	Gulf of Alaska	58 11.50 N	154 09.60 W	58 12.50 N	154 10.50 W	10
Kodiak/Cape Ugat	Gulf of Alaska	57 52.41 N	153 50.97 W			10
Sitkinak/Cape Sitkinak	Gulf of Alaska	56 34.30 N	153 50.96 W			10
Shakun Rock	Gulf of Alaska	58 32.80 N	153 41.50 W			10
Twoheaded I.	Gulf of Alaska	56 54.50 N	153 32.75 W	56 53.90 N	153 33.74 W	10
Cape Douglas (Shaw I.) ¹²	Gulf of Alaska	59 00.00 N	153 22.50 W			20,10
Kodiak/Cape Barnabas	Gulf of Alaska	57 10.20 N	152 53.05 W			3
Kodiak/Gull Point ⁴	Gulf of Alaska	57 21.45 N	152 36.30 W			10,3
Latax Rocks	Gulf of Alaska	58 40.10 N	152 31.30 W			10
Ushagat I./SW	Gulf of Alaska	58 54.75 N	152 22.20 W			10
Ugak I. ⁴	Gulf of Alaska	57 23.60 N	152 17.50 W	57 21.90 N	152 17.40 W	10,3
Sea Otter I.	Gulf of Alaska	58 31.15 N	152 13.30 W			10
Long I.	Gulf of Alaska	57 46.82 N	152 12.90 W			10
Sud I.	Gulf of Alaska	58 54.00 N	152 12.50 W			10
Kodiak/Cape Chiniak	Gulf of Alaska	57 37.90 N	152 08.25 W			10
Sugarloaf I.	Gulf of Alaska	58 53.25 N	152 02.40 W			20
Sea Lion Rocks (Marmot)	Gulf of Alaska	58 20.53 N	151 48.83 W			10

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Column Number 1	2	3	4	5	6	7
Site Name	Area or Subarea	Boundaries from Latitude	Boundaries from Longitude	Boundaries to ¹ Latitude	Boundaries to ¹ Longitude	Pollock No-fishing Zones for Trawl Gear ^{2,8} (nm)
Marmot I. ⁵	Gulf of Alaska	58 13.65 N	151 47.75 W	58 09.90 N	151 52.06 W	15,20
Nagahut Rocks	Gulf of Alaska	59 06.00 N	151 46.30 W			10
Perl	Gulf of Alaska	59 05.75 N	151 39.75 W			10
Gore Point	Gulf of Alaska	59 12.00 N	150 58.00 W			10
Outer (Pye) I.	Gulf of Alaska	59 20.50 N	150 23.00 W	59 21.00 N	150 24.50 W	20
Steep Point	Gulf of Alaska	59 29.05 N	150 15.40 W			10
Seal Rocks (Kenai)	Gulf of Alaska	59 31.20 N	149 37.50 W			10
Chiswell Islands	Gulf of Alaska	59 36.00 N	149 34.00 W			10
Rugged Island	Gulf of Alaska	59 50.00 N	149 23.10 W	59 51.00 N	149 24.70 W	10
Point Elrington ^{7,10}	Gulf of Alaska	59 56.00 N	148 15.20 W			20
Perry I. ⁷	Gulf of Alaska	60 44.00 N	147 54.60 W			
The Needle ⁷	Gulf of Alaska	60 06.64 N	147 36.17 W			
Point Eleanor ⁷	Gulf of Alaska	60 35.00 N	147 34.00 W			
Wooded I. (Fish I.)	Gulf of Alaska	59 52.90 N	147 20.65 W			20
Glacier Island ⁷	Gulf of Alaska	60 51.30 N	147 14.50 W			
Seal Rocks (Cordova) ¹⁰	Gulf of Alaska	60 09.78 N	146 50.30 W			20
Cape Hinchinbrook ¹⁰	Gulf of Alaska	60 14.00 N	146 38.50 W			20
Middleton I.	Gulf of Alaska	59 28.30 N	146 18.80 W			10
Hook Point ¹⁰	Gulf of Alaska	60 20.00 N	146 15.60 W			20
Cape St. Elias	Gulf of Alaska	59 47.50 N	144 36.20 W			20

¹Where two sets of coordinates are given, the baseline extends in a clock-wise direction from the first set of geographic coordinates along the shoreline at mean lower-low water to the second set of coordinates. Where only one set of coordinates is listed, that location is the base point.

²Closures as stated in 50 CFR 679.22(a)(7)(iv), (a)(8)(ii) and (b)(2)(ii).

³This site lies within the Bogoslof area (BA). The BA consists of all waters of area 518 as described in Figure 1 of this part south of a straight line connecting 55°00' N/170°00' W, and 55°00' N/168°11'4.75" W. Closure to directed fishing for pollock around Uliaga and Kagamil is 20 nm for waters west of 170° W long. and 10 nm for waters east of 170° W long.

⁴The trawl closure between 0 nm to 10 nm is effective from January 20 through May 31. Trawl closure between 0 nm to 3 nm is effective from August 25 through November 1.

⁵Trawl closure between 0 nm to 15 nm is effective from January 20 through May 31. Trawl closure between 0 nm to 20 nm is effective from August 25 to November 1.

⁶Restriction area includes only waters of the Gulf of Alaska Area.

⁷Contact the Alaska Department of Fish and Game for fishery restrictions at these sites.

⁸No-fishing zones are the waters between 0 nm and the nm specified in column 7 around each site and within the BA.

⁹This site is located in the Bering Sea Pollock Restriction Area, closed to pollock trawling during the A season. This area consists of all waters of the Bering Sea subarea south of a line connecting the points 163°0'00" W long./55°46'30" N lat., 165°08'00" W long./54°42'9" N lat., 165°40'00" long./54°26'30" N lat., 166°12'00" W long./54°18'40" N lat., and 167°0'00" W long./54°8'50" N lat.

¹⁰The 20 nm closure around this site is effective in federal waters outside of State of Alaska waters of Prince William Sound.

¹¹Some or all of the restricted area is located in the Segum Foraging area (SFA) which is closed to all gears types. The SFA is established as all waters within the area between 52° N lat. and 53° N lat. and between 173°30' W long. and 172°30' W long.

¹²The 3 nm trawl closure around Puale Bay and the 20 nm trawl closure around Cape Douglas/Shaw I. are effective January 20 through May 31. The 10 nm trawl closure around Puale Bay and the 10 nm trawl closure around Cape Douglas/Shaw I. are effective August 25 through November 1.

[69 FR 75867, Dec. 20, 2004]

TABLE 5 TO PART 679—STELLER SEA LION PROTECTION AREAS PACIFIC COD FISHERIES RESTRICTIONS

Table 5 to 50 CFR Part 679 Steller Sea Lion Protection Areas Pacific Cod Fisheries Restrictions

Column Number 1	2	3	4	5	6	7	8	9
Site Name	Area or Subarea	Boundaries from		Boundaries to ¹		Pacific Cod No-fishing Zone for Trawl Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Hook-and-Line Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Pot Gear ^{2,3} (nm)
		Latitude	Longitude	Latitude	Longitude			
St. Lawrence I./S Punuk I.	BS	63 04.00 N	168 51.00 W			20	20	20
St. Lawrence I./SW Cape Hall I.	BS	63 18.00 N	171 26.00 W			20	20	20
St. Paul I./Sea Lion Rock	BS	60 37.00 N	173 00.00 W			20	20	20
St. Paul I./NE Pt.	BS	57 06.00 N	170 17.50 W			3	3	3
Walrus I. (Pribilofs)	BS	57 15.00 N	170 06.50 W			3	3	3
St George I./Dalnoi Pt.	BS	57 11.00 N	169 56.00 W			10	3	3
St. George I./S. Rookery	BS	56 36.00 N	169 46.00 W			3	3	3
Cape Newenham	BS	56 33.50 N	169 40.00 W			3	3	3
Round (Walrus Islands)	BS	58 39.00 N	162 10.50 W			20	20	20
Attu I./Cape Wrangell ¹¹	AI	52 54.60 N	172 27.90 E	52 55.40 N	172 27.20 E	20, 10	3	3
Agattu I./Gillon Pt. ¹¹	AI	52 24.13 N	173 21.31 E			20, 10	3	3
Attu I./Chirikof Pt. ¹¹	AI	52 49.75 N	173 26.00 E			20, 3		
Agattu I./Cape Sabak ¹¹	AI	52 22.50 N	173 43.30 E	52 21.80 N	173 41.40 E	20, 10	3	3
Alaid I. ¹¹	AI	52 46.50 N	173 51.50 E	52 45.00 N	173 56.50 E	20, 3		
Shemya I. ¹¹	AI	52 44.00 N	174 08.70 E			20, 3		
Buldir I. ¹¹	AI	52 20.25 N	175 54.03 E	52 20.38 N	175 53.85 E	20, 10	10	10
Kiska I./Cape St. Stephen ¹¹	AI	51 52.50 N	177 12.70 E	51 53.50 N	177 12.00 E	20, 10	3	3
Kiska I. Sobaka & Vega ¹¹	AI	51 49.50 N	177 19.00 E	51 48.50 N	177 20.50 E	20, 3		
Kiska I./Lief Cove ¹¹	AI	51 57.16 N	177 20.41 E	51 57.24 N	177 20.53 E	20, 10	3	3

Column Number 1	2	3	4	5	6	7	8	9
Site Name	Area or Subarea	Boundaries from		Boundaries to ¹		Pacific Cod No-fishing Zones for Trawl Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Hook-and-Line Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Pot Gear ^{2,3} (nm)
		Latitude	Longitude	Latitude	Longitude			
Kiska I./Sirius Pt. ¹¹	AI	52 08.50 N	177 36.50 E			20, 3		
Tanadak I. (Kiska) ¹¹	AI	51 56.80 N	177 46.80 E			20, 3		
Segula I. ¹¹	AI	51 59.90 N	178 05.80 E	52 03.06 N	178 08.80 E	20, 3		
Ayugadak Point ¹¹	AI	51 45.36 N	178 24.30 E			20, 10	3	3
Rat I./Krysi Pt. ¹¹	AI	51 49.98 N	178 12.35 E			20, 3		
Little Sitkin I. ¹¹	AI	51 59.30 N	178 29.80 E			20, 3		
Amchitka I./Column ¹¹	AI	51 32.32 N	178 49.28 E			20, 10	3	3
Amchitka I./East Cape ¹¹	AI	51 22.26 N	179 27.93 E	51 22.00 N	179 27.00 E	20, 10	3	3
Amchitka I./Cape Ivakin ¹¹	AI	51 24.46 N	179 24.21 E			20, 3		
Semisopochnoi/Petrel Pt. ¹¹	AI	52 01.40 N	179 36.90 E	52 01.50 N	179 39.00 E	20, 10	3	3
Semisopochnoi I./Pochnoi Pt. ¹¹	AI	51 57.30 N	179 46.00 E			20, 10	3	3
Amatignak I./Nitrof Pt. ¹¹	AI	51 13.00 N	179 07.80 W			20, 3		
Unalga & Dinkum Rocks ¹¹	AI	51 33.67 N	179 04.25 W	51 35.09 N	179 03.66 W	20, 3		
Ulak I./Hasgox Pt. ¹¹	AI	51 18.90 N	178 58.90 W	51 18.70 N	178 59.60 W	20, 10	3	3
Kavalga I. ¹¹	AI	51 34.50 N	178 51.73 W	51 34.50 N	178 49.50 W	20, 3		
Tag I. ¹¹	AI	51 33.50 N	178 34.50 W			20, 10	3	3
Ugidak I. ¹¹	AI	51 34.95 N	178 30.45 W			20, 3		
Gramp Rock ¹¹	AI	51 28.87 N	178 20.58 W			20, 3		
Tanaga I./Bumpy Pt. ¹¹	AI	51 55.00 N	177 58.50 W	51 55.00 N	177 57.10 W	20, 10	3	3
Bobrof I.	AI	51 54.00 N	177 27.00 W			20, 3		
Kanaga I./Ship Rock	AI	51 46.70 N	177 20.72 W			3		

Column Number 1	2	3	4	5	6	7	8	9
Site Name	Area or Subarea	Boundaries from		Boundaries to ¹		Pacific Cod No-fishing Zones for Trawl Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Hook-and-Line Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Pot Gear ^{2,3} (nm)
		Latitude	Longitude	Latitude	Longitude			
Kanaga I./North Cape	AI	51 56.50 N	177 09.00 W			3		
Adak I.	AI	51 35.50 N	176 57.10 W	51 37.40 N	176 59.60 W	10	3	3
Little Tanaga Strait	AI	51 49.09 N	176 13.30 W			3		
Great Sitkin I.	AI	52 06.00 N	176 10.50 W	52 06.60 N	176 07.00 W	3		
Anagakalik I.	AI	51 50.86 N	175 53.00 W			3		
Kasatochi I.	AI	52 11.11 N	175 31.00 W			10	3	3
Atka I./N. Cape	AI	52 24.20 N	174 17.80 W			3		
Amlia I./Svievch. Harbor ⁴	AI	52 01.80 N	173 23.90 W			3		
Sagigik I. ⁴	AI	52 00.50 N	173 09.30 W			3		
Amlia I./East ⁴	AI	52 05.70 N	172 59.00 W	52 05.75 N	172 57.50 W	3	20	20
Tanadak I. (Amlia) ⁴	AI	52 04.20 N	172 57.60 W			3	20	20
Agligadak I. ⁴	AI	52 06.09 N	172 54.23 W			20	20	20
Seguam I./Saddleridge Pt. ⁴	AI	52 21.05 N	172 34.40 W	52 21.02 N	172 33.60 W	10	20	20
Seguam I./Finch Pt.	AI	52 23.40 N	172 27.70 W	52 23.25 N	172 24.30 W	3	20	20
Seguam I./South Side	AI	52 21.60 N	172 19.30 W	52 15.55 N	172 31.22 W	3	20	20
Amukta I. & Rocks	AI	52 27.25 N	171 17.90 W			3	20	20
Chagulak I.	AI	52 34.00 N	171 10.50 W			3	20	20
Yunaska I.	AI	52 41.40 N	170 36.35 W			10	20	20
Uliaga ^{5, 14}	BS	53 04.00 N	169 47.00 W	53 05.00 N	169 46.00 W	10	20	20
Chuginadak ¹⁴	GOA	52 46.70 N	169 41.90 W			20	20, 10	20
Kagami ^{15, 14}	BS	53 02.10 N	169 41.00 W			10	20	20
Samalga	GOA	52 46.00 N	169 15.00 W			20	10	20

Column Number 1	2	3	4	5	6	7	8	9
Site Name	Area or Subarea	Boundaries from		Boundaries to ¹		Pacific Cod No-fishing Zones for Trawl Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Hook-and-Line Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Pot Gear ^{2,3} (nm)
		Latitude	Longitude	Latitude	Longitude			
Adugak I. ⁵	BS	52 54.70 N	169 10.50 W			10	BA	BA
Umnak I./Cape Aslik ⁵	BS	53 25.00 N	168 24.50 W			BA	BA	BA
Ogchul I.	GOA	52 59.71 N	168 24.24 W			20	10	20
Bogoslof I./Fire I. ⁵	BS	53 55.69 N	168 02.05 W			BA	BA	BA
Polivnoi Rock ⁸	GOA	53 15.96 N	167 57.99 W			20	10	20
Emerald I. ^{11,9}	GOA	53 17.50 N	167 51.50 W			20	10	20
Unalaska/Cape Izigan ⁹	GOA	53 13.64 N	167 39.37 W			20	10	20
Unalaska/Bishop Pt. ^{6,13}	BS	53 58.40 N	166 57.50 W			10	10	3
Akutan I./Reef-lava ⁶	BS	54 08.10 N	166 06.19 W	54 09.10 N	166 05.50 W	10	10	3
Unalaska I./Cape Sedanka ⁹	GOA	53 50.50 N	166 05.00 W			20	10	20
Old Man Rocks ⁹	GOA	53 52.20 N	166 04.90 W			20	10	20
Akutan I./Cape Morgan ⁹	GOA	54 03.39 N	165 59.85 W	54 03.70 N	166 03.68 W	20	10	20
Akun I./Billings Head	BS	54 17.62 N	165 32.06 W	54 17.57 N	165 31.71 W	10	3	3
Rootok ⁹	GOA	54 03.90 N	165 31.90 W	54 02.90 N	165 29.50 W	20	10	20
Tanginak I. ⁹	GOA	54 12.00 N	165 19.40 W			20	10	20
Tigalda/Rocks NE ⁹	GOA	54 09.60 N	164 59.00 W	54 09.12 N	164 57.18 W	20	10	20
Unimak/Cape Sarichef	BS	54 34.30 N	164 56.80 W			10	3	3
Aiktak ⁹	GOA	54 10.99 N	164 51.15 W			20	10	20
Ugamak I. ⁹	GOA	54 13.50 N	164 47.50 W	54 12.80 N	164 47.50 W	20	10	20
Round (GOA) ⁹	GOA	54 12.05 N	164 46.60 W			20	10	20
Sea Lion Rock (Amak)	BS	55 27.82 N	163 12.10 W			10	7	7
Amak I. And rocks	BS	55 24.20 N	163 09.60 W	55 26.15 N	163 08.50 W	10	3	3
Bird I.	GOA	54 40.00 N	163 17.2 W			10		

Column Number 1	2	3	4	5	6	7	8	9
Site Name	Area or Subarea	Boundaries from		Boundaries to ¹		Pacific Cod No-fishing Zones for Trawl Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Hook-and-Line Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Pot Gear ^{2,3} (nm)
		Latitude	Longitude	Latitude	Longitude			
Caton I.	GOA	54 22.70 N	162 21.30 W			3	3	
South Rocks	GOA	54 18.14 N	162 41.3 W			10		
Clubbing Rocks (S)	GOA	54 41.98 N	162 26.7 W			10	3	3
Clubbing Rocks (N)	GOA	54 42.75 N	162 26.7 W			10	3	3
Pinnacle Rock	GOA	54 46.06 N	161 45.85 W			3	3	3
Sushilnoi Rocks	GOA	54 49.30 N	161 42.73 W			10		
Olga Rocks	GOA	55 00.45 N	161 29.81 W	54 59.09 N	161 30.89 W	10		
Jude I.	GOA	55 15.75 N	161 06.27 W			20		
Sea Lion Rocks (Shumagins)	GOA	55 04.70 N	160 31.04 W			3	3	3
Nagai I./Mountain Pt.	GOA	54 54.20 N	160 15.40 W	54 56.00 N	160 15.00 W	3	3	3
The Whaleback	GOA	55 16.82 N	160 05.04 W			3	3	3
Chernabura I.	GOA	54 45.18 N	159 32.99 W	54 45.87 N	159 35.74 W	20	3	3
Castle Rock	GOA	55 16.47 N	159 29.77 W			3	3	
Atkins I.	GOA	55 03.20 N	159 17.40 W			20	3	3
Spitz I.	GOA	55 46.60 N	158 53.90 W			3	3	3
Mitrofanina	GOA	55 50.20 N	158 41.90 W			3	3	3
Kak	GOA	56 17.30 N	157 50.10 W			20	20	3
Lighthouse Rocks	GOA	55 46.79 N	157 24.89 W			20	20	20
Sutwik I.	GOA	56 31.05 N	157 20.47 W	56 32.00 N	157 21.00 W	20	20	20
Chowiet I.	GOA	56 00.54 N	156 41.42 W	56 00.30 N	156 41.60 W	20	20	20
Nagai Rocks	GOA	55 49.80 N	155 47.50 W			20	20	20
Chirikof I.	GOA	55 46.50 N	155 39.50 W	55 46.44 N	155 43.46 W	20	20	20

Column Number 1	2	3	4		5	6		7	8	9
			Boundaries from		Latitude	Boundaries to ¹		Pacific Cod No-fishing Zones for Trawl Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Hook-and-Line Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Pot Gear ^{2,3} (nm)
Site Name	Area or Subarea		Latitude	Longitude		Latitude	Longitude			
Puale Bay	GOA	57 40.60 N	155 23.10 W					10		
Kodiak/Cape Ikolik	GOA	57 17.20 N	154 47.50 W					3	3	3
Takli I.	GOA	58 01.75 N	154 31.25 W					10		
Cape Kuliak	GOA	58 08.00 N	154 12.50 W					10		
Cape Gull	GOA	58 11.50 N	154 09.60 W		58 12.50 N	154 10.50 W		10		
Kodiak/Cape Ugat	GOA	57 52.41 N	153 50.97 W					10		
Sitkinak/Cape Sitkinak	GOA	56 34.30 N	153 50.96 W					10		
Shakun Rock	GOA	58 32.80 N	153 41.50 W					10		
Twoheaded I.	GOA	56 54.50 N	153 32.75 W		56 53.90 N	153 33.74 W		10		
Cape Douglas (Shaw I.)	GOA	59 00.00 N	153 22.50 W					10		
Kodiak/Cape Barnabas	GOA	57 10.20 N	152 53.05 W					3	3	
Kodiak/Gull Point ⁷	GOA	57 21.45 N	152 36.30 W					10, 3		
Latax Rocks	GOA	58 40.10 N	152 31.30 W					10		
Ushagat I./SW	GOA	58 54.75	152 22.20 W					10		
Ugak I. ⁷	GOA	57 23.60 N	152 17.50 W		57 21.90 N	152 17.40 W		10, 3		
Sea Otter I.	GOA	58 31.15 N	152 13.30 W					10		
Sud I.	GOA	57 46.82 N	152 12.90 W					10		
Long I.	GOA	58 54.00 N	152 12.50 W					10		
Kodiak/Cape Chiniak	GOA	57 37.90 N	152 08.25 W					10		
Sugarloaf I.	GOA	58 53.25 N	152 02.40 W					20	10	10
Sea Lion Rocks (Marmot)	GOA	58 20.53 N	151 48.83 W					10		
Marmot I. ⁸	GOA	58 13.65 N	151 47.75 W		58 09.90 N	151 52.06 W		15, 20	10	10
Nagahut Rocks	GOA	59 06.00 N	151 46.30 W					10		

Column Number 1	2	3	4	5	6	7	8	9
Site Name	Area or Subarea	Boundaries from		Boundaries to ¹		Pacific Cod No-fishing Zones for Trawl Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Hook-and-Line Gear ^{2,3} (nm)	Pacific Cod No-fishing Zone for Pot Gear ^{2,3} (nm)
		Latitude	Longitude	Latitude	Longitude			
Perl	GOA	59 05.75 N	151 39.75 W			10		
Gore Point	GOA	59 12.00 N	150 58.00 W			10		
Outer (Pye) I.	GOA	59 20.50 N	150 23.00 W	59 21.00 N	150 24.50 W	20	10	10
Steep Point	GOA	59 29.05 N	150 15.40 W			10		
Seal Rocks (Kenai)	GOA	59 31.20 N	149 37.50 W			10		
Chiswell Islands	GOA	59 36.00 N	149 34.00 W			10		
Rugged Island	GOA	59 50.00 N	149 23.10 W			10		
Point Elrington ^{10, 12}	GOA	59 56.00 N	148 15.20 W			20		
Perry I. ¹⁰	GOA	60 44.00 N	147 54.60 W					
The Needle ¹⁰	GOA	60 06.64 N	147 36.17 W					
Point Eleanor ¹⁰	GOA	60 35.00 N	147 34.00 W					
Wooded I. (Fish I.)	GOA	59 52.90 N	147 20.65 W			20	3	3
Glacier Island ¹⁰	GOA	60 51.30 N	147 14.50 W					
Seal Rocks (Cordova) ¹²	GOA	60 09.78 N	146 50.30 W			20	3	3
Cape Hinchinbrook ¹²	GOA	60 14.00 N	146 38.50 W			20		
Middleton I.	GOA	59 28.30 N	146 18.80 W			10		
Hook Point ¹²	GOA	60 20.00 N	146 15.60 W			20		
Cape St. Elias	GOA	59 47.50 N	144 36.20 W			20		

BS = Bering Sea, AI = Aleutian Islands, GOA = Gulf of Alaska

¹Where two sets of coordinates are given, the baseline extends in a clock-wise direction from the first set of geographic coordinates along the shoreline at mean lower-low water to the second set of coordinates. Where only one set of coordinates is listed, that location is the base point.

² Closures as stated in 50 CFR 679.22(a) (7) (v), (a) (8) (iv) and (b) (2) (iii).

- ³ No-fishing zones are the waters between 0 nm and the nm specified in columns 7, 8, and 9 around each site and within the Bogoslof area (BA) and the Segum Foraging Area (SFA).
- ⁴ Some or all of the restricted area is located in the SFA which is closed to all gears types. The SFA is established as all waters within the area between 52° N lat. and 53° N lat. and between 173°30' W long. and 172°30' W long. Amlia I./East, and Tanadak I. (Amlia) haulouts 20 nm hook-and-line and pot closures apply only to waters located east of 173° W longitude.
- ⁵ This site lies within the BA which is closed to all gear types. The BA consists of all waters of area 518 as described in Figure 1 of this part south of a straight line connecting 55°00'N/170°00'W, and 55°00' N/168°11'4.75" W.
- ⁶ Hook-and-line no-fishing zones apply only to vessels greater than or equal to 60 feet LOA in waters east of 167° W long. For Bishop Point the 10 nm closure west of 167° W. long. applies to all hook and line and jig vessels.
- ⁷ The trawl closure between 0 nm to 10 nm is effective from January 20 through June 10. Trawl closure between 0 nm to 3 nm is effective from September 1 through November 1.
- ⁸ The trawl closure between 0 nm to 15 nm is effective from January 20 through June 10. Trawl closure between 0 nm to 20 nm is effective from September 1 through November 1.
- ⁹ Restriction area includes only waters of the Gulf of Alaska Area.
- ¹⁰ Contact the Alaska Department of Fish and Game for fishery restrictions at these sites.
- ¹¹ Directed fishing for Pacific cod using trawl gear is prohibited in the harvest limit area (HLA) as defined at § 679.2 until the HLA Atka mackerel directed fishery in the A or B seasons is completed. The 20 nm closure around Gramp Rock and Tanaga I./Bumpy Pt. applies only to waters west of 178°W long. and only during the HLA directed fishery. After closure of the Atka mackerel HLA directed fishery, directed fishing for Pacific cod using trawl gear is prohibited in the HLA between 0 nm to 10 nm of rookeries and between 0 nm to 3 nm of haulouts. Directed fishing for Pacific cod using trawl gear is prohibited between 0-3 nm of Tanaga I./Bumpy Pt.
- ¹² The 20 nm closure around this site is effective only in waters outside of the State of Alaska waters of Prince William Sound.
- ¹³ See 50 CFR 679.22(a)(7)(i)(C) for exemptions for catcher vessels less than 60 feet (18.3 m) LOA using jig or hook-and-line gear between Bishop Point and Emerald Island closure areas.
- ¹⁴ Trawl closure around this site is limited to waters east of 170°0'00" W long. Closure to hook-and-line fishing around Chuginadak is 20 nm for waters west of 170°W long. and 10 nm for waters east of 170°W long.

TABLE 6 TO PART 679—STELLER SEA LION PROTECTION AREAS ATKA MACKEREL FISHERIES RESTRICTIONS

Table 6 to 50 CFR Part 679 Steller Sea Lion Protection Areas Atka Mackerel Fisheries Restrictions

Column Number 1	2	3	4	5	6	7
Site Name	Area or Subarea	Boundaries from		Boundaries to ¹		Atka mackerel No-fishing Zones for Trawl Gear ^{2,3} (nm)
		Latitude	Longitude	Latitude	Longitude	
St. Lawrence I./S Punuk I.	Bering Sea	63 04.00 N	168 51.00 W			20
St. Lawrence I./SW Cape Hall I.	Bering Sea	63 18.00 N	171 26.00 W			20
	Bering Sea	60 37.00 N	173 00.00 W			20
St. Paul I./Sea Lion Rock	Bering Sea	57 06.00 N	170 17.50 W			20
St. Paul I./NE Pt.	Bering Sea	57 15.00 N	170 06.50 W			20
Walrus I. (Pribilofs)	Bering Sea	57 11.00 N	169 56.00 W			20
St. George I./Dalnoi Pt.	Bering Sea	56 36.00 N	169 46.00 W			20
St. George I./S Rookery	Bering Sea	56 33.50 N	169 40.00 W			20
Cape Newenham	Bering Sea	58 39.00 N	162 10.50 W			20
Round (Walrus Islands)	Bering Sea	58 36.00 N	159 58.00 W			20
Attu I./Cape Wwangel	Aleutian Islands	52 54.60 N	172 27.90 E	52 55.40 N	172 27.20 E	10
Agattu I./Gillon Pt.	Aleutian Islands	52 24.13 N	173 21.31 E			10
Attu I./Chirikof Pt.	Aleutian Islands	52 49.75 N	173 26.00 E			3
Agattu I./Cape Sabak	Aleutian Islands	52 22.50 N	173 43.30 E	52 21.80 N	173 41.40 E	10
Alaid I.	Aleutian Islands	52 46.50 N	173 51.50 E	52 45.00 N	173 56.50 E	3
Shemya I.	Aleutian Islands	52 44.00 N	174 08.70 E			3
Buldir I.	Aleutian Islands	52 20.25 N	175 54.03 E	52 20.38 N	175 53.85 E	15
Kiska I./Cape St. Stephen	Aleutian Islands	51 52.50 N	177 12.70 E	51 53.50 N	177 12.00 E	10
Kiska I./Sobaka & Vega	Aleutian Islands	51 49.50 N	177 19.00 E	51 48.50 N	177 20.50 E	3
Kiska I./Lief Cove	Aleutian Islands	51 57.16 N	177 20.41 E	51 57.24 N	177 20.53 E	10
Kiska I./Sirius Pt.	Aleutian Islands	52 08.50 N	177 36.50 E			3
Tanadag I. (Kiska)	Aleutian Islands	51 56.80 N	177 46.80 E			3

Column Number 1	2	3	4	5	6	7
Site Name	Area or Subarea	Boundaries from		Boundaries to ¹		Atka mackerel No-fishing Zones for Trawl Gear 2.5 (nm)
		Latitude	Longitude	Latitude	Longitude	
Segula I.	Aleutian Islands	51 59.90 N	178 05.80 E	52 03.06 N	178 08.80 E	3
Ayugadak Point	Aleutian Islands	51 45.36 N	178 24.30 E			10
Rat I./Krysi Pt.	Aleutian Islands	51 49.98 N	178 12.35 E			3
Little Sitkin I.	Aleutian Islands	51 59.30 N	178 29.80 E			3
Amchitka I./Column Rocks	Aleutian Islands	51 32.32 N	178 49.28 E			10
Amchitka I./East Cape	Aleutian Islands	51 22.26 N	179 27.93 E	51 22.00 N	179 27.00 E	10
Amchitka I./Cape Ivakin	Aleutian Islands	51 24.46 N	179 24.21 E			3
Semisopochnoi/Petrel Pt.	Aleutian Islands	52 01.40 N	179 36.90 E	52 01.50 N	179 39.00 E	10
Semisopochnoi I./Pochnoi Pt.	Aleutian Islands	51 57.30 N	179 46.00 E			10
Amatignak I. Nitrof Pt.	Aleutian Islands	51 13.00 N	179 07.80 W			3
Unalga & Dinkum Rocks	Aleutian Islands	51 33.67 N	179 04.25 W	51 35.09 N	179 03.66 W	3
Ulak I./Hasgox Pt.	Aleutian Islands	51 18.90 N	178 58.90 W	51 18.70 N	178 59.60 W	10
Kavalga I.	Aleutian Islands	51 34.50 N	178 51.73 W	51 34.50 N	178 49.50 W	3
Tag I.	Aleutian Islands	51 33.50 N	178 34.50 W			10
Ugidak I.	Aleutian Islands	51 34.95 N	178 30.45 W			3
Gramp Rock ⁷	Aleutian Islands	51 28.87 N	178 20.58 W			10, 20
Tanaga I./Bumpy Pt. ⁴	Aleutian Islands	51 55.00 N	177 58.50 W	51 55.00 N	177 57.10 W	20
Bobrof I.	Aleutian Islands	51 54.00 N	177 27.00 W			20
Kanaga I./Ship Rock	Aleutian Islands	51 46.70 N	177 20.72 W			20
Kanaga I./North Cape	Aleutian Islands	51 56.50 N	177 09.00 W			20
Adak I.	Aleutian Islands	51 35.50 N	176 57.10 W	51 37.40 N	176 59.60 W	20
Little Tanaga Strait	Aleutian Islands	51 49.09 N	176 13.90 W			20
Great Sitkin I.	Aleutian Islands	52 06.00 N	176 10.50 W	52 06.60 N	176 07.00 W	20
Anagaksik I.	Aleutian Islands	51 50.86 N	175 53.00 W			20

Column Number 1	2	3	4	5	6	7
Site Name	Area or Subarea	Boundaries from		Boundaries to ¹		Atka mackerel No-fishing Zones for Trawl Gear 2.3 (nm)
		Latitude	Longitude	Latitude	Longitude	
Kasatochi I.	Aleutian Islands	52 11.11 N	175 31.00 W			20
Atka I./North Cape	Aleutian Islands	52 24.20 N	174 17.80 W			20
Amlia I./Sviech. Harbor ⁵	Aleutian Islands	52 01.80 N	173 23.90 W			20
Sagigik I. ⁵	Aleutian Islands	52 00.50 N	173 09.30 W			20
Amlia I./East ⁵	Aleutian Islands	52 05.70 N	172 59.00 W	52 05.75 N	172 57.50 W	20
Tanadak I. (Amlia) ⁵	Aleutian Islands	52 04.20 N	172 57.60 W			20
Agligadak I. ⁵	Aleutian Islands	52 06.09 N	172 54.23 W			20
Seguam I./Saddleridge Pt. ⁵	Aleutian Islands	52 21.05 N	172 34.40 W	52 21.02 N	172 33.60 W	20
Seguam I./Finch Pt. ⁵	Aleutian Islands	52 23.40 N	172 27.70 W	52 23.25 N	172 24.30 W	20
Seguam I./South Side ⁵	Aleutian Islands	52 21.60 N	172 19.30 W	52 15.55 N	172 31.22 W	20
Amukta I. & Rocks	Aleutian Islands	52 27.25 N	171 17.90 W			20
Chagulak I.	Aleutian Islands	52 34.00 N	171 10.50 W			20
Yunaska I.	Aleutian Islands	52 41.40 N	170 36.35 W			20
Uliaga ⁶	Bering Sea	53 04.00 N	169 47.00 W	53 05.00 N	169 46.00 W	20
Kagamil ⁶	Bering Sea	53 02.10 N	169 41.00 W			20
Adugak I. ⁶	Bering Sea	52 54.70 N	169 10.50 W			20
Umnak I./Cape Aslik ⁶	Bering Sea	53 25.00 N	168 24.50 W			BA
Bogóslóf I./Fire I. ⁶	Bering Sea	53 55.69 N	168 02.05 W			BA
Unalaska/Bishop Pt.	Bering Sea	53 58.40 N	166 57.50 W			20
Akutan I./Reef-lava	Bering Sea	54 08.10 N	166 06.19 W	54 09.10 N	166 05.50 W	20
Akun I./Billings Head	Bering Sea	54 17.62 N	165 32.06 W	54 17.57 N	165 31.71 W	20
Unimak/Cape Sarichef	Bering Sea	54 34.30 N	164 56.80 W			20
Sea Lion Rock (Amak)	Bering Sea	55 27.82 N	163 12.10 W			20
Amak I. And rocks	Bering Sea	55 24.20 N	163 09.60 W	55 26.15 N	163 08.50 W	20

¹Where two sets of coordinates are given, the baseline extends in a clock-wise direction from the first set of geographic coordinates along the shoreline at mean lower-low water to the second set of coordinates.

²Closures as stated in 50 CFR 679.22 (a) (7) (vi) and (a) (8) (v).

³No-fishing zones are the waters between 0 nm and the nm specified in column 7 around each site and within the Bogoslof area (BA).

⁴The 20 nm Atka mackerel fishery closure around the Tanaga I./Bumpy Pt. Rookery is established only for that portion of the area east of 178° W longitude. Waters located within 20 nm of Tanaga I./Bumpy Pt. and west of 178° W long. are including in the harvest limit area, as defined in §679.2.

⁵Some or all of the restricted area is located in the Segum Foraging Area (SFA) which is closed to all gears types. The SFA is established as all waters within the area between 52° N lat. and 53° N lat. and between 173°30' W long. and 172°30' W long.

⁶This site lies in the BA, closed to all gear types. The BA consists of all waters of Area 518 described in Figure 1 of this part south of a straight line connecting 55°00'N/170°00'W and 55°00'N/168°11'4.75" W.

⁷Directed fishing for Atka mackerel by vessels using trawl gear is prohibited in waters located a) 0-20 nm seaward of Gramp Rock and east of 178°W long., and b) 0-10 nm of Gramp Rock and west of 178°W long.

Pt. 679, Table 7

50 CFR Ch. VI (10–1–07 Edition)

TABLE 7 TO PART 679—COMMUNITIES DETERMINED TO BE ELIGIBLE TO APPLY FOR
COMMUNITY DEVELOPMENT QUOTAS

Table 7 to Part 679--Communities Determined to be Eligible to
Apply for Community Development Quotas
(Other communities that do not appear on this table may also be eligible.)

Aleutian Region

- | | |
|------------------|---------------------------|
| 1. Akutan | 9. Port Heiden/Meschick |
| 2. Atka | 10. South Naknek |
| 3. False Pass | 11. Sovonoski/King Salmon |
| 4. Nelson Lagoon | 12. Togiak |
| 5. Nikolski | 13. Twin Hills |
| 6. St. George | |
| 7. St. Paul | |

Southwest Coastal Lowlands

- | | |
|------------------------|---------------------|
| <u>Bering Strait</u> | 1. Alakanuk |
| 1. Brevig Mission | 2. Cheifornak |
| 2. Diomede/Inalik | 3. Chevak |
| 3. Elim | 4. Eek |
| 4. Gambell | 5. Emmonak |
| 5. Golovin | 6. Goodnews Bay |
| 6. Koyuk | 7. Hooper Bay |
| 7. Nome | 8. Kipnuk |
| 8. Savoonga | 9. Kongiganak |
| 9. Shaktoolik | 10. Kotlik |
| 10. St. Michael | 11. Kwigillingok |
| 11. Stebbins | 12. Mekoryuk |
| 12. Teller | 13. Newtok |
| 13. Unalakleet | 14. Nightmute |
| 14. Wales | 15. Platinum |
| 15. White Mountain | 16. Quinhagak |
| | 17. Scammon Bay |
| <u>Bristol Bay</u> | 18. Sheldon's Point |
| 1. Aleknagik | 19. Toksook Bay |
| 2. Clark's Point | 20. Tununak |
| 3. Dillingham | 21. Tuntutuliak |
| 4. Egegik | |
| 5. Ekuk | |
| 6. Manokotak | |
| 7. Naknek | |
| 8. Pilot Point/Ugashik | |

[63 FR 47375, Sept. 4, 1998]

TABLE 8 TO PART 679—HARVEST ZONE CODES FOR USE WITH VESSEL ACTIVITY
REPORTS

Harvest Zone	Description
A1	BSAI EEZ off Alaska
A2	GOA EEZ off Alaska
B	State waters of Alaska
C	State waters other than Alaska
D	Donut Hole
F	Foreign Waters Other than Russia
I	International Waters other than Donut Hole and Seamounts
R	Russian waters
S	Seamounts in International waters
U	U.S. EEZ other than Alaska

Fishery Conservation and Management

Pt. 679, Table 9

[67 FR 4137, Jan. 28, 2002]

TABLE 9 TO PART 679—REQUIRED LOGBOOKS, REPORTS, FORMS AND ELECTRONIC LOGBOOK AND REPORTS FROM PARTICIPANTS IN THE FEDERAL GROUND FISH FISHERIES

Table 9 to Part 679--Required Logbooks, Reports, Forms and Electronic Logbook and Reports from Participants in the Federal Groundfish Fisheries

Requirement Name	Catcher vessel	Catcher/Processor	Mothership	Shoreside Processor ⁽³⁾	Buying Station
Daily Fishing Logbook (DFL) ⁽¹⁾	YES	NO	NO	NO	NO
Daily Cumulative Production Logbook (DCPL) ⁽¹⁾	NO	YES	YES	YES	NO
Buying Station Report (BSR)	NO	NO	NO	NO	YES
Check-in/Check-out Report	NO	YES	YES	YES	NO
Optional: Electronic Check-in/out report	NO	YES	YES	YES	NO
Weekly Production Report (WPR)	NO	YES	YES	YES	NO
Optional: Electronic WPR	NO	YES	YES	YES	NO
Shoreside Processor Electronic Logbook Report (SPELR) instead of DCPL and WPR when receiving AFA pollock or pollock harvested in a directed pollock fishery	NO	NO	NO	YES	NO
Optional: SPELR instead of DCPL and WPR	NO	NO	NO	YES	NO
U.S. Vessel Activity Report (VAR)	YES	YES	YES	NO	NO
Daily Production Report (DPR) ⁽²⁾	NO	YES	YES	YES	NO
Product Transfer Report (PTR)	NO	YES	YES	YES	NO
Required use AFA and CDQ at-sea scales, including daily scale test, printed scale output, request for inspection of scales and observer station, scale approval sticker	NO	YES	YES	NO	NO
VMS when directed fishing for Atka mackerel, pollock, or Pacific cod	YES	YES	NO	NO	NO

¹Two formats of the DFL and catcher/processor DCPL exist: one for trawl gear and one for longline and pot gear.

²DPR is submitted only when specifically requested by Regional Administrator.

³Also stationary floating processor

[67 FR 22012, May 2, 2002]

TABLE 10 TO PART 679—GULF OF ALASKA RETAINABLE PERCENTAGES

Table 10 to Part 679—Gulf of Alaska Retainable Percentages

BASIS SPECIES		INCIDENTAL CATCH SPECIES (for DSR caught on catcher vessels in the SEO, see § 679.20 (j) ⁶)														
Code	Species	Pollock	Pacific cod	DW flat ⁽²⁾	Rex sole	Flathead sole ⁽¹⁾	SW flat ⁽¹⁾	Arrow tooth	Sablefish	Aggregated rockfish ⁽⁸⁾	SR/RE ERA ⁽¹⁾	DSR SEO (C/PS only): ⁽⁶⁾	Atka mackerel	Aggregated forage fish ⁽¹⁰⁾	Skates ⁽¹¹⁾	Other species ⁽⁷⁾
110	Pacific cod	20	na ⁹	20	20	20	20	35	1	5	⁽¹⁾	10	20	2	20	20
121	Arrowtooth	5	5	0	0	0	0	na ⁹	0	0	0	0	0	2	0	20
122	Flathead sole	20	20	20	20	na ⁹	20	35	7	15	7	1	20	2	20	20
125	Rex sole	20	20	20	na ⁹	20	20	35	7	15	7	1	20	2	20	20
136	Northern rockfish	20	20	20	20	20	20	35	7	15	7	1	20	2	20	20
141	Pacific ocean perch	20	20	20	20	20	20	35	7	15	7	1	20	2	20	20
143	Thornyhead	20	20	20	20	20	20	35	7	15	7	1	20	2	20	20
152/151	Shortraker/roughye ⁽¹⁾	20	20	20	20	20	20	35	7	15	na ⁹	1	20	2	20	20
193	Atka mackerel	20	20	20	20	20	20	35	1	5	⁽¹⁾	10	na ⁹	2	20	20
270	Pollock	na ⁹	20	20	20	20	20	35	1	5	⁽¹⁾	10	20	2	20	20
710	Sablefish	20	20	20	20	20	20	35	na ⁹	15	7	1	20	2	20	20
Flatfish, deep water		20	20	na ⁹	20	20	20	35	7	15	7	1	20	2	20	20
	Flatfish, shallow water ⁽³⁾	20	20	20	20	20	na ⁹	35	1	5	⁽¹⁾	10	20	2	20	20
Rockfish, other ⁽⁴⁾		20	20	20	20	20	20	35	7	15	7	1	20	2	20	20
Rockfish, pelagic ⁽⁵⁾		20	20	20	20	20	20	35	7	15	7	1	20	2	20	20
Rockfish, DSR-SEO ⁽⁶⁾		20	20	20	20	20	20	35	7	15	7	na ⁹	20	2	20	20
Skates ⁽¹¹⁾		20	20	20	20	20	20	35	1	5	⁽¹⁾	10	20	2	na ⁹	20

BASIS SPECIES		INCIDENTAL CATCH SPECIES (for DSR caught on catcher vessels in the SEO, see § 679.20 (j) ^(f))														Other species ⁽⁷⁾	
Code	Species	Pollock	Pacific cod	DW flat ⁽²⁾	Rex sole	Flathead sole ⁽³⁾	SW flat ⁽³⁾	Arrow tooth	Sablefish	Aggregated rockfish ⁽⁶⁾	SR/RE ERA ⁽¹⁾	DSR SEO (C/Ps only): ⁽⁶⁾	Atka mackerel	Aggregated forage fish ⁽¹⁰⁾	Skates ⁽¹¹⁾	Other species ⁽⁷⁾	
Other species ⁽⁷⁾		20	20	20	20	20	20	35	1	5	⁽¹⁾	10	20	2	20	na ⁹	
Aggregated amount of non-groundfish species		20	20	20	20	20	20	35	1	5	⁽¹⁾	10	20	2	20	20	

Notes to Table 10 to Part 679				
1	Shortraker/rougheye rockfish			
	SR/RE	shortraker/rougheye rockfish (171)		
		shortraker rockfish (152)		
		rougheye rockfish (151)		
	SR/RE ERA	shortraker/rougheye rockfish in the Eastern Regulatory Area.		
Where numerical percentage is not indicated, the retainable percentage of SR/RE is included under Aggregated Rockfish				
2	Deep-water flatfish	Dover sole, Greenland turbot, and deep-sea sole		
3	Shallow water flatfish	Flatfish not including deep water flatfish, flathead sole, rex sole, or arrowtooth flounder		
4	Other rockfish	means slope rockfish and demersal shelf rockfish		
		Western Regulatory Area		
		Central Regulatory Area		
		West Yakutat District		
		Southeast Outside District	means slope rockfish	
Slope rockfish				
		<u>S. aurora</u> (aurora)	<u>S. variegatus</u> (harlequin)	<u>S. brevispinis</u> (silvergrey)
		<u>S. melanostomus</u> (blackgill)	<u>S. wilsoni</u> (pygmy)	<u>S. diploproa</u> (splinose)
		<u>S. paucispinis</u> (bocaccio)	<u>S. babcocki</u> (redbanded)	<u>S. saxicola</u> (stripetail)
		<u>S. goodei</u> (chilipepper)	<u>S. proriger</u> (redstripe)	<u>S. miniatus</u> (vermillion)
		<u>S. crameri</u> (darkblotch)	<u>S. zacentrus</u> (sharpchin)	<u>S. reedi</u> (yellowmouth)
		<u>S. elongatus</u> (greenstriped)	<u>S. jordani</u> (shortbelly)	
		In the Eastern GOA only, Slope rockfish also includes <u>S. polyspinosus</u> , (Northern)		
5	Pelagic shelf rockfish	<u>S. ciliatus</u> (dusky)	<u>S. entomelas</u> (widow)	<u>S. flavidus</u> (yellowtail)
6	Demersal shelf rockfish (DSR)	<u>S. pinniger</u> (canary)	<u>S. maliger</u> (quillback)	<u>S. ruberrimus</u> (yelloweye)
		<u>S. nebulosus</u> (china)	<u>S. helvomaculatus</u> (rosethorn)	
		<u>S. caurinus</u> (copper)	<u>S. nigrocinctus</u> (tiger)	

Notes to Table 10 to Part 679					
	DSR-SEO = Demersal shelf rockfish in the Southeast Outside District The operator of a catcher vessel that is required to have a Federal fisheries permit, or that harvests IFQ halibut with hook and line or jig gear, must retain and land all DSR that is caught while fishing for groundfish or IFQ halibut in the SEO. Limits on sale and requirements for disposal of DSR are set out at § 679.20 (j).				
7	Other species	sculpins	octopus	squid	sharks
8	Aggregated rockfish	means rockfish of the genera <u>Sebastes</u> and <u>Sebastolobus</u> defined at § 679.2 except in:			
		Southeast Outside District (SEO)		where DSR is a separate category for those species marked with a numerical percentage	
		Eastern Regulatory Area (ERA)		where SR/RE is a separate category for those species marked with a numerical percentage	
9	N/A	not applicable			
10	Aggregated forage fish (all species of the following families)				
	Bristlemouths, lightfishes, and anglemouths (family <u>Gonostomatiidae</u>)				209
	Capelin smelt (family <u>Osmeridae</u>)				516
	Deep-sea smelts (family <u>Bathylagidae</u>)				773
	Eulachon smelt (family <u>Osmeridae</u>)				511
	Gunnels (family <u>Pholidae</u>)				207
	Krill (order <u>Euphausiacea</u>)				800
	Laternfishes (family <u>Myctophidae</u>)				772
	Pacific herring (family <u>Clupeidae</u>)				235
	Pacific Sand fish (family <u>Trichodontidae</u>)				206
	Pacific Sand lance (family <u>Anmodytidae</u>)				774
	Pricklebacks, war-bonnets, eelblennys, cockscombs and Shannys (family <u>Stichaeidae</u>)				208
	Surf smelt (family <u>Osmeridae</u>)				515
11	Skates Species and Groups				
	Big Skates (702)				

Notes to Table 10 to Part 679		
	Longnose Skates (701)	
	Other Skates (700)	

[71 FR 12628, Mar. 13, 2006]

Pt. 679, Table 11

Table 11 to Part 679 – BSAI Retainable Percentages

BASIS SPECIES		INCIDENTAL CATCH SPECIES ⁸															
		Pollack	Pacific cod	Alka mackerel	Alaska plaice	Arrowtooth	Yellow fin sole	Other flatfish ¹	Rock sole	Flathead sole	Greenland turbot	Sablefish ¹	Short-raker/rougeye ¹	Aggregated rockfish ²	Squid	Aggregated fonge fish ¹	Other species ⁴
	110	20	na ⁵	20	20	35	20	20	20	20	1	1	2	5	20	2	20
	121	0	0	0	0	na ⁵	0	0	0	0	0	0	0	0	0	2	0
	122	20	20	20	35	35	35	35	na ⁵	35	35	15	7	15	20	2	20
	123	20	20	20	35	35	35	35	na ⁵	35	1	1	2	15	20	2	20
	127	20	20	20	35	35	na ⁵	35	35	35	1	1	2	5	20	2	20
	133	20	20	20	na ⁵	35	35	35	35	35	1	1	2	5	20	2	20
	134	20	20	20	20	35	20	20	20	20	na ⁵	15	7	15	20	2	20
	136	20	20	20	20	35	20	20	20	20	35	15	7	15	20	2	20
	141	20	20	20	20	35	20	20	20	20	35	15	7	15	20	2	20
	152/151	20	20	20	20	35	20	20	20	20	35	15	na ⁴	5	20	2	20
	193	20	20	na ⁵	20	35	20	20	20	20	1	1	2	5	20	2	20
	270	na ⁵	20	20	20	35	20	20	20	20	1	1	2	5	20	2	20
	710	20	20	20	20	35	20	20	20	20	35	na ⁵	7	15	20	2	20
	875	20	20	20	20	35	20	20	20	20	1	1	2	5	na ⁵	2	20
	Other flatfish ²	20	20	20	35	35	35	na ⁵	35	35	1	1	2	5	20	2	20
	Other rockfish ³	20	20	20	20	35	20	20	20	20	35	15	7	15	20	2	20
	Other species ⁴	20	20	20	20	35	20	20	20	20	1	1	2	5	20	2	na ⁴
	Aggregated amount non-groundfish species	20	20	20	20	35	20	20	20	20	1	1	2	5	20	2	20

NOTES to Table 11	
1	Sablefish: for fixed gear restrictions, see 50 CFR 679.7(f)(3)(ii) and 679.7(f)(11).
2	Other flatfish includes all flatfish species, except for Pacific halibut (a prohibited species), flathead sole, Greenland turbot, rock sole, yellowfin sole, Alaska plaice, and arrowtooth flounder.
3	Other rockfish includes all <i>Sebastes</i> and <i>Sebastolobus</i> species except for Pacific ocean perch; and northern, shortraker, and rougheye rockfish. The CDQ reserves for shortraker, rougheye, and northern rockfish will continue to be managed as the “other red rockfish” complex for the BS.
4	Other species includes sculpins, sharks, skates and octopus. Forage fish, as defined at Table 2 to this part are not included in the “other species” category.
5	na = not applicable
6	Aggregated rockfish includes all of the genera <i>Sebastes</i> and <i>Sebastolobus</i> , except shortraker and rougheye rockfish.
7	Forage fish are defined at Table 2 to this part.

[67 FR 64317, Oct. 18, 2002]

TABLE 12 TO PART 679—STELLER SEA LION PROTECTION AREAS 3NM NO GROUNDFISH FISHING SITES

Table 12 to 50 CFR Part 679 Steller Sea Lion Protection Areas 3nm No Groundfish Fishing Sites

Column Number 1	2	3	4	5	6	7
Site Name	Area or Subarea	Boundaries from		Boundaries to ¹		No transit ² 3 nm
		Latitude	Longitude	Latitude	Longitude	
Walrus I. (Pribilofs)	Bering Sea	57 11.00 N	169 56.00 W			Y
Attu I./Cape Wrangell	Aleutian I.	52 54.60 N	172 27.90 E	52 55.40 N	172 27.20 E	Y
Agattu I./Gillon Pt.	Aleutian I.	52 24.13 N	173 21.31 E			Y
Agattu I./Cape Sabak	Aleutian I.	52 22.50 N	173 43.30 E	52 21.80 N	173 41.40 E	Y
Buldir I.	Aleutian I.	52 20.25 N	175 54.03 E	52 20.38 N	175 53.85 E	Y
Kiska I./Cape St. Stephen	Aleutian I.	51 52.50 N	177 12.70 E	51 53.50 N	177 12.00 E	Y
Kiska I./Lief Cove	Aleutian I.	51 57.16 N	177 20.41 E	51 57.24 N	177 20.53 E	Y
Ayugadak Point	Aleutian I.	51 45.36 N	178 24.30 E			Y
Amchitka I./Column Rocks	Aleutian I.	51 32.32 N	178 49.28 E			Y
Amchitka I./East Cape	Aleutian I.	51 22.26 N	179 27.93 E	51 22.00 N	179 27.00 E	Y
Semisopchnoi/Petrel Pt.	Aleutian I.	52 01.40 N	179 36.90 E	52 01.50 N	179 39.00 E	Y
Semisopchnoi I./Pochnoi Pt.	Aleutian I.	51 57.30 N	179 46.00 E			Y
Ulak I./Hasgox Pt.	Aleutian I.	51 18.90 N	178 58.90 W	51 18.70 N	178 59.60 W	Y
Tag I.	Aleutian I.	51 33.50 N	178 34.50 W			Y
Gramp Rock	Aleutian I.	51 28.87 N	178 20.58 W			Y
Adak I.	Aleutian I.	51 35.50 N	176 57.10 W	51 37.40 N	176 59.60 W	Y
Kasatochi I.	Aleutian I.	52 11.11 N	175 31.00 W			Y
Agligadak I.	Aleutian I.	52 06.09 N	172 54.23 W			Y
Sequam I./Saddleridge Pt.	Aleutian I.	52 21.05 N	172 34.40 W	52 21.02 N	172 33.60 W	Y
Yunaska I.	Aleutian I.	52 41.40 N	170 36.35 W			Y
Adugak I.	Bering Sea	52 54.70 N	169 10.50 W			Y
Ogchul I.	Gulf of Alaska	52 59.71 N	168 24.24 W			Y
Bogoslof I./Fire I.	Bering Sea	53 55.69 N	168 02.05 W			Y

Column Number 1	2	3	4		5	6		7
Site Name	Area or Subarea	Boundaries from		Boundaries to ¹		No transit ² 3 nm		
		Latitude	Longitude	Latitude	Longitude			
Akutan I./Cape Morgan	Gulf of Alaska	54 03.39 N	165 59.65 W	54 03.70 N	166 03.68 W	Y		
Akun I./Billings Head	Bering Sea	54 17.62 N	165 32.06 W	54 17.57 N	165 31.71 W	Y		
Ugamak I.	Gulf of Alaska	54 13.50 N	164 47.50 W	54 12.80 N	164 47.50 W	Y		
Sea Lion Rock (Amak)	Bering Sea	55 27.82 N	163 12.10 W			Y		
Clubbing Rocks (S)	Gulf of Alaska	54 41.98 N	162 26.7 W			Y		
Clubbing Rocks (N)	Gulf of Alaska	54 42.75 N	162 26.7 W			Y		
Pinnacle Rock	Gulf of Alaska	54 46.06 N	161 45.85 W			Y		
Chernabura I.	Gulf of Alaska	54 45.18 N	159 32.99 W	54 45.87 N	159 35.74 W	Y		
Atkins I.	Gulf of Alaska	55 03.20 N	159 17.40 W			Y		
Chowiet I.	Gulf of Alaska	56 00.54 N	156 41.42 W	55 00.30 N	156 41.60 W	Y		
Chirikof I.	Gulf of Alaska	55 46.50 N	155 39.50 W	55 46.44 N	155 43.46 W	Y		
Sugarloaf I.	Gulf of Alaska	58 53.25 N	152 02.40 W			Y		
Marmot I.	Gulf of Alaska	58 13.65 N	151 47.75 W	58 09.90 N	151 52.06 W	Y		
Outer (Pye) I.	Gulf of Alaska	59 20.50 N	150 23.00 W	59 21.00 N	150 24.50 W	Y		
Wooded I. (Fish I.)	Gulf of Alaska	59 52.90 N	147 20.65 W					
Seal Rocks (Cordova)	Gulf of Alaska	60 09.78 N	146 50.30 W					

¹ Where two sets of coordinates are given, the baseline extends in a clock-wise direction from the first set of geographic coordinates along the shoreline at mean lower-low water to the second set of coordinates. Where only one set of coordinates is listed, that location is the base point.

² See 50 CFR 223.202(a)(2)(i) for regulations regarding 3 nm no transit zones.

Note: No groundfish fishing zones are the waters between 0 nm to 3 nm surrounding each site.

* * * * *

TABLE 13 TO PART 679—TRANSFER FORM SUMMARY

If participant type is . . .	And has . . . Fish product onboard	And is involved in this activity	Submit				Issue	Possess
			VAR (\$ 679.5(k))	PTR (\$ 679.5(g))	Trans-ship (\$ 679.5(l)(3))	Departure report (\$ 679.5(l)(4))		
Catcher vessel greater than 60 ft LOA, mothership or catcher/processor.	Only non-IFQ groundfish	Vessel leaving or entering Alaska.	X					
Catcher vessel greater than 60 ft LOA, mothership or catcher/processor.	Only IFQ sablefish, IFQ halibut, CDQ halibut, or CR crab.	Vessel leaving Alaska.				X		
Catcher vessel greater than 60 ft LOA, mothership or catcher/processor.	Combination of IFQ sablefish, IFQ halibut, CDQ halibut, or CR crab and non-IFQ groundfish.	Vessel leaving Alaska.	X			X		
Mothership, catcher/processor, shoreside processor, or SFP.	Non-IFQ groundfish	Transfer of product.		X				
Registered Buyer	IFQ sablefish, IFQ halibut or CDQ halibut.	Transfer of product.		X				
Registered Crab Receiver	CR crab	Transfer of product.		X				
A person holding a valid IFQ permit, IFQ card, and Registered Buyer permit.	IFQ sablefish, IFQ halibut or CDQ halibut.	Transfer of product.					XXX	
Registered Buyer	IFQ sablefish, IFQ halibut or CDQ halibut.	Transfer from landing site to Registered Buyer's processing facility.						XX
Registered Crab Receiver	CR crab	Transfer from landing site to RCR's processing facility.						XX
Vessel operator	Processed IFQ sablefish, IFQ halibut, CDQ halibut, or CR crab.	Transshipment between vessels.			XXXX			

"X" indicates under what circumstances each report is submitted.

"XX" indicates that the document must accompany the transfer of IFQ species from landing site to processor.

"XXX" indicates receipt must be issued to each receiver in a dockside sale.

"XXXX" indicates authorization must be obtained 24 hours in advance.

[70 FR 10238, Mar. 2, 2005]

Pt. 679, Table 14a

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**TABLE 14a TO PART 679—PORT OF
LANDING CODES¹: ALASKA**

Port name	NMFS code	ADF&G code
Adak	186	ADA
Akutan, Akutan Bay	101	AKU
Alitak	103	ALI
Anchorage	105	ANC
Angoon	106	ANG
Aniak	300	ANI
Anvik	301	ANV
Atka	107	ATK
Auke Bay	136	JNU
Beaver Inlet	119	DUT
Bethel	302	BET
Captains Bay	119	DUT
Chefornak	189	CHF
Chignik	113	CHG
Cordova	115	COR
Craig	116	CRG
Dillingham	117	DIL
Douglas	136	JNU
Dutch Harbor/Unalaska	119	DUT
Egegik	122	EGE
Ekuk	303	EKU
Elfin Cove	123	ELF
Emmonak	304	EMM
Excursion Inlet	124	XIP
False Pass	125	FSP
Fairbanks	305	FBK
Galena	306	GAL
Glacier Bay	307	GLB
Glennallen	308	GLN
Gustavus	127	GUS
Haines	128	HNS
Halibut Cove	130	HBC
Homer	132	HOM
Hoonah	133	HNH
Hydaburg	309	HYD
Hyder	134	HDR

Port name	NMFS code	ADF&G code
Juneau	136	JNU
Kake	137	KAK
Kaltag	310	KAL
Kasilof	138	KAS
Kenai	139	KEN
Kenai River	139	KEN
Ketchikan	141	KTN
King Cove	142	KCO
King Salmon	143	KNG
Kipnuk	144	KIP
Klawock	145	KLA
Kodiak	146	KOD
Kotzebue	311	KOT
Mekoryuk	147	MEK
Metlakatla	148	MET
Moser Bay	312	MOS
Naknek	149	NAK
Nenana	313	NEN
Nikiski (or Nikishka)	150	NIK
Ninilchik	151	NIN
Nome	152	NOM
Nunivak Island	314	NUN
Old Harbor	153	OLD
Other Alaska ¹	499	OAK
Pelican	155	PEL
Petersburg	156	PBG
Port Alexander	158	PAL
Port Armstrong	315	PTA
Port Bailey	159	PTB
Port Graham	160	GRM
Port Lions	316	LIO
Port Moller	317	MOL
Port Protection	161	PRO
Quinhagak	187	QUK
Sand Point	164	SPT
Savoonga	165	SAV
Selawik	326	SWK

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Port name	NMFS code	ADF&G code	Port name	NMFS code	ADF&G code
Seldovia	166	SEL	Toksook Bay	177	TOB
Seward	167	SEW	Tununak	178	TUN
Sitka	168	SIT	Ugashik	320	UGA
Skagway	169	SKG	Unalakleet	321	UNA
Soldotna	318	SOL	Valdez	181	VAL
St. George	170	STG	Wasilla	322	WAS
St. Mary	319	STM	Whittier	183	WHT
St. Paul	172	STP	Wrangell	184	WRN
Tee Harbor	136	JNU	Yakutat	185	YAK
Tenakee Springs	174	TEN	¹ To report a landing at a location not currently assigned a location code number, use the code for "Other Alaska" code "499" or "OAK."		
Togiak	176	TOG			

[70 FR 33393, June 8, 2005]

TABLE 14b TO PART 679—PORT OF LANDING CODES: NON-ALASKA (CALIFORNIA, CANADA, OREGON, WASHINGTON)

Port State or Country	Port name	NMFS code	ADF&G code
CALIFORNIA	Eureka	500	EUR
	Other California ¹	599	OCA
CANADA	Other Canada ¹	899	OCN
	Port Edward	802	PRU
	Prince Rupert	802	PRU
OREGON	Astoria	600	AST
	Newport	603	NPT
	Other Oregon ¹	699	OOR
	Portland	323	POR
	Warrenton	604	WAR
WASHINGTON	Anacortes	700	ANA
	Bellingham	702	BEL
	Blaine	717	BLA
	Everett	704	EVT
	La Conner	708	LAC
	Olympia	324	OLY
	Other Washington ¹	799	OWA
	Seattle	715	SEA
	Tacoma	325	TAC

¹To report a landing at a location not currently assigned a location code number, use the code for "Other California," "Other Oregon," "Other Washington," or "Other Canada" at which the landing occurs.

[70 FR 33394, June 8, 2005]

TABLE 14c AT-SEA OPERATION TYPE CODES TO BE USED AS PORT CODES FOR VESSELS MATCHING THIS TYPE OF OPERATION

Description of code		
Code	NMFS Alaska region	ADF&G
FCP	Catcher/processor	Floating catcher processor.
FLD	Mothership	Floating domestic mothership.
IFP	Stationary Floating Processor	Inshore floating processor—processing in State of Alaska waters only.

[70 FR 10238, Mar. 2, 2005]

TABLE 15 TO PART 679—GEAR CODES, DESCRIPTIONS, AND USE

[X indicates where this code is used]

Name of gear	Use alphabetic code to complete the following:			Use numeric code to complete the following:				
	Alpha gear code	NMFS logbooks & paper forms ¹	Electronic WPR & check-in/check-out code ¹	Numeric gear code	Shoreside electronic logbook (SSPELR)	IFQ Inter-net & forms	CR crab	ADF&G COAR
Diving	OTH	X	X	11	X			X
Dredge	OTH	X	X	22	X			X
Dredge, hydro/mechanical	OTH	X	X	23	X			X
Fish wheel	OTH	X	X	08	X			X
Gillnet, drift	OTH	X	X	03	X			X
Gillnet, herring	OTH	X	X	34	X			X
Gillnet, set	OTH	X	X	04	X			X
Gillnet, sunken	OTH	X	X	41	X			X
Hand line/jig/troll (IFQ name: hand troll).	n/a			05	X	X		X
Handpicked	OTH	X	X	12	X			X
Hatchery	n/a			77	X			X
Hook-and-line	HAL	X	X	61	X	X		X
Jig, mechanical (IFQ name: jigs).	JIG	X	X	26	X	X		X
Net, dip	OTH	X	X	13	X			X
Net, ring	OTH	X	X	10	X			X
Other/specify	OTH	X	X	99	X			X
Pair trawl	(¹)			37				X
Pot	POT	X	X	91	X	X	X	X
Pound	OTH	X	X	21	X			X
Seine, purse	OTH	X	X	01	X			X
Seine, beach	OTH	X	X	02	X			X
Shovel	OTH	X	X	18	X			X
Trap	OTH	X	X	90	X			X
Trawl, beam	(¹)			17	X			X
Trawl, double otter	(¹)			27	X		X	
Trawl, nonpelagic/bottom	NPT	X	X	07	X			X
Trawl, pelagic/midwater ...	PTR	X	X	47	X			X
Troll, dinglebar	TROLL	X	X	25	X	X		X
Troll, power gurdy	TROLL	X	X	15	X	X		X
Weir	OTH	X	X	14	X			X

¹ For groundfish logbooks, forms, electronic WPR, electronic check-in/out reports: all trawl gear must be reported as either nonpelagic trawl (NPT) or pelagic trawl (PTR).

[70 FR 10238, Mar. 2, 2005]

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TABLE 16 TO PART 679—AREA CODES AND DESCRIPTIONS FOR USE WITH STATE OF ALASKA ADF&G COMMERCIAL OPERATOR'S ANNUAL REPORT (COAR)

COAR: Name (Code)	Species	ADF&G Fisheries Management Areas	Area Description in ADF&G Regulations
Alaska Peninsula	King Crab:	M	5 AAC 34.500
South Peninsula (MS)	AK Peninsula/Aleutian Islands Salmon	M	5 AAC 12.100
North Peninsula (MN)		M	(Aleutians)
			5 AAC 09.100 (AK Peninsula)
Bering Sea:	Herring	M	5 AAC 27.600
Pribilof Island (Q1)	Bering Sea King Crab	Q	5 AAC 34.900
St. Matthew Island (Q2)	Bering Sea/Kotzebue Herring	Q	5 AAC 27.900
St. Lawrence Island (Q4)			
Bristol Bay (T)	King Crab	T	5 AAC 34.800
	Salmon	T	5 AAC 06.100
	Herring	T	5 AAC 27.800
Chignik (L)	Groundfish	L	5 AAC 28.500
	Herring	L	5 AAC 27.550
	Salmon	L	5 AAC 15.100
Cook Inlet:	Groundfish	H	5 AAC 28.300
Lower Cook Inlet (HL)	Herring	H	5 AA 27.400
Upper Cook Inlet (HU)	Cook Inlet Shrimp	H	5 AAC 31.300
	Outer Cook Inlet Shrimp	H	5 AA 31.400
	Dungeness Crab	H	5 AA 32.300
	King Crab	H	5 AA 34.300
	Tanner Crab	H	5 AA 35.400
	Miscellaneous Shellfish	H	5 AA 38.300
	Salmon	H	5 AA 21.100
Dutch Harbor (O)	Aleutian Islands King Crab	O	5 AA 34.600
EEZ (Federal waters of BSAI (FB)	Groundfish	n/a	n/a
GOA (FG)	Atka-Amliia Islands Salmon	n/a	5 AAC 11.1010
Kodiak (western GOA) (K)	Groundfish	K	5 AAC 28.400
	Herring	K	5 AAC 27.500
	King Crab	K	5 AAC 34.400
	Salmon	K	5 AAC 18.100
	Shrimp	J	5 AAC 31.500
	Dungeness Crab	J	5 AAC 32.400
	Tanner Crab	J	5 AAC 35.500
	Miscellaneous Shellfish	J	5 AAC 38.400
Kotzebue (X)	Salmon	X	5 AAC 03.100
Kuskokwim:	Salmon	W	5 AAC 07.100
Kuskokwim River/Bay (W1)	Herring	W	5AAC 27.870
Security Cove (W2)			
Goodnews Bay (W3)			
Nelson Island (W4)			
Ninivak Island (W5)			
Cape Avinof (W6)			
Norton Sound (Z)	Norton Sound-Port Clarence Salmon	Z	5 AAC 04.100
	Norton Sound-Port Clarence King Crab		
Prince William Sound (E)	Groundfish	E	5 AAC 28.200
	Herring	E	5 AAC 27.300
	Shrimp	E	5 AAC 31.200
	Dungeness Crab	E	5 AAC 32.200
	King Crab	E	5 AAC 34.200
	Tanner Crab	E	5 AAC 35.300
	Miscellaneous Shellfish	E	5 AAC 38.200
	Salmon	E	5 AAC 24.100

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COAR: Name (Code)	Species	ADF&G Fisheries Management Areas	Area Description in ADF&G Regulations
Southeast:	Groundfish	A	5 AAC 28.100
Juneau/Haines (A1)	Southeast (w/o Yakutat) Herring	A	5 AAC 27.100
Yakutat (A2)	Yakutat Herring	D	5 AAC 27.200
Ketchikan/Craig (B)	Southeast (w/o Yakutat) Shrimp	A	5 AAC 31.100
Petersburg/Wrangell (C)	Yakutat Shrimp	D	5 AAC 31.150
Sitka/Pelican (D)	Southeast (w/o Yakutat) Dungeness Crab	A	5 AAC 32.100
	Yakutat Dungeness Crab	D	5 AAC 32.155
	Southeast (w/o Yakutat) Dungeness, King Crab	A	5 AAC 34.100
	Yakutat King Crab	D	5 AAC 34.160
	Southeast (w/o Yakutat) Tanner Crab	A	5 AAC 35.100
	Yakutat Tanner Crab	D	5 AAC 35.160
	Southeast (w/o Yakutat) Miscellaneous Shellfish	A	5 AAC 38.100
	Yakutat Miscellaneous Shellfish	D	5 AAC 38.160
	Southeast (w/o Yakutat) Salmon	A	5 AAC 33.100
	Yakutat Salmon	D	5 AAC 29.010
			5 AAC 30.100
Yukon River:	Yukon-Northern Salmon	Y	5 AAC 05.100
Lower Yukon (YL)			
Upper Yukon (YU)			

[66 FR 55126, Nov. 1, 2001]

TABLE 17 TO PART 679—PROCESS CODES
FOR USE WITH STATE OF ALASKA
COMMERCIAL OPERATOR'S ANNUAL
REPORT (COAR)

Codes	Process Codes and Description
Prefix Codes	1—Fresh
	2—Frozen
	3—Salted/brined
	4—Smoked
	5—Canned
	6—Cooked
	7—Live
	8—Dry
	9—Pickled
	11—Minced
Suffix Codes	0—General
	1—Canned Conv.
	2—Canned smoked
	8—Vacuum packed
	B—Block
	I—Individual quick frozen (IQF) pack
	S—Shatter pack

[66 FR 43527, Aug. 20, 2001]

TABLE 18 TO PART 679—REQUIRED BUY-
ING AND PRODUCTION FORMS FOR USE
WITH STATE OF ALASKA COMMERCIAL
OPERATOR'S ANNUAL REPORT
(COAR)

Fishery	Form Number and Name
Salmon	<p><i>Salmon Buying</i></p> <p>(A)(1) Seine gear</p> <p>(A)(1) Gillnet gear</p> <p>(A)(2) Troll gear</p> <p>(A)(2) Hatchery</p> <p>(A)(3) Miscellaneous gear</p> <p><i>King Salmon Production</i></p> <p>(B)(1) Production</p> <p>(B)(1) Canned Production</p> <p><i>Sockeye Salmon Production:</i></p> <p>(B)(2)(i) Production</p> <p>(B)(2)(ii) Canned Production</p> <p><i>Coho Salmon Production</i></p> <p>(B)(3)(i) Production</p> <p>(B)(3)(ii) Canned Production</p> <p><i>Pink Salmon Production</i></p> <p>(B)(4)(i) Production</p> <p>(B)(4)(ii) Canned Production</p> <p><i>Chum Salmon Production</i></p> <p>(B)(5)(i) Production</p> <p>(B)(5)(ii) Canned Production</p> <p><i>Salmon Roe & Byproduct Production</i></p> <p>(B)(6)(i) Roe</p> <p>(B)(6)(ii) Byproduct Production</p>
Herring	<p>Herring Buying</p> <p>(C)(1)(i) Seine gear</p> <p>(C)(1)(ii) Gillnet gear</p> <p>(C)(2)(i) Gillnet gear</p> <p>(C)(2)(ii) Pound gear</p> <p>(C)(2)(iii) Hand-pick gear</p> <p>Herring Production</p> <p>(D)(1)(i) Production</p> <p>(D)(1)(ii) Byproduct Production</p>

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Fishery	Form Number and Name	Vessel Logbook
Crab	(E) <i>Crab Buying</i> (F) <i>Crab Production</i>	Code Seabird Avoidance Gear or Method
Shrimp/Miscellaneous Shellfish	(G) <i>Shrimp/Misc. Shellfish Buying</i> (G)(1)(i) Trawl gear (G)(1)(ii) Pot gear (G)(1)(iii) Diving/picked gear (G)(1)(iv) Other gear (specify) (H) <i>Shrimp/Misc. Shellfish/Finfish Production</i>	3 <i>Single Streamer Line, used with Snap Gear:</i> Used during the deployment of snap gear to prevent birds from taking hooks. The streamer line consists of three components: a length of line, streamers attached along a portion of the length and one or more float devices at the terminal end. See performance and material standards at § 679.24(e)(5)(iv).
Groundfish	(I)(1) <i>Groundfish Buying</i> (I)(2) <i>Groundfish Production</i> (J)(1) <i>Groundfish Buying</i> (J)(2) <i>Groundfish Production</i> (K) <i>Halibut Buying & Production</i>	4 <i>Buoy Bag Line:</i> Used during the deployment of hook-and-line gear to prevent birds from taking hooks. A buoy bag line consists of two components: a length of line (without streamers attached) and one or more float devices at the terminal end. See performance and material standards at § 679.24(e)(5)(i).
Halibut Custom Production	<i>Custom Production</i> (L)(1) <i>Associated Processors</i> (L)(1)(i) <i>Custom Fresh/Frozen</i> (L)(1)(ii) <i>Misc. production</i> (L)(1)(iii) <i>Custom Canned Production</i> (L)(2) (additional sheet)	Other Device used in conjunction with Single Streamer Line or Buoy Bag Line.
PRICES NOT FINAL	(M)(1) <i>Fish Buying Retro Payments</i> (M)(2) <i>Post-season Adjustments</i>	5 <i>Add weights to groundline:</i> Applying weights to the groundline for the purpose of sinking the hook-and-line gear more quickly and preventing seabirds from accessing the baited hooks.

[66 FR 55128, Nov. 1, 2001]

TABLE 19 TO PART 679—SEABIRD AVOIDANCE GEAR CODES

Code	Vessel Logbook	Seabird Avoidance Gear or Method
1	<i>Paired Streamer Lines:</i> Used during deployment of hook-and-line gear to prevent birds from taking hooks. Two streamer lines used, one on each side of the main groundline. Each streamer line consists of three components: a length of line, streamers attached along a portion of the length and one or more float devices at the terminal end. See performance and material standards at § 679.24(e)(5)(iii).	6 <i>Additional Buoy Bag Line or Single Streamer Line:</i> Using a second buoy bag line or streamer line for the purpose of enhancing the effectiveness of these deterrent devices at preventing seabirds from accessing baited hooks.
2	<i>Single Streamer Line:</i> Used during deployment of hook-and-line gear to prevent birds from taking hooks. The streamer line consists of three components: a length of line, streamers attached along a portion of the length and one or more float devices at the terminal end. See performance and material standards at § 679.24(e)(5)(ii).	7 <i>Strategic Offal Discharge:</i> Discharging fish, fish parts (i.e. offal) or spent bait for the purpose of distracting seabirds away from the main groundline while setting gear. Additional Device Used 8 <i>Night Fishing:</i> Setting hook-and-line gear during dark hours. <i>Line Shooter:</i> A hydraulic device designed to deploy hook-and-line gear at a speed slightly faster than the vessel's speed during setting. <i>Lining Tube:</i> A device used to deploy hook-and-line gear through an underwater-setting device. Other (Describe)
		9 No Deterrent Used Due to Weather. [See weather exceptions at § 679.24(e)(5)(i)(B), (e)(5)(ii)(B), (e)(5)(iii)(B), (e)(5)(iv)(B).]
		0 No Deterrent Used.

[69 FR 1949, Jan. 13, 2004]

TABLE 20 TO PART 679—SEABIRD AVOIDANCE GEAR REQUIREMENTS FOR VESSELS, BASED ON AREA, GEAR, AND VESSEL TYPE. (SEE § 679.24(E) FOR COMPLETE SEABIRD AVOIDANCE PROGRAM REQUIREMENTS; SEE 679.24(E)(1) FOR APPLICABLE FISHERIES)

If you operate a vessel deploying hook-and-line gear, including snap gear, in inside waters ["NMFS Reporting Area 649 (Prince William Sound), 659 (Eastern GOA Regulatory Area, Southeast Inside District) or in state waters of Cook Inlet"], and your vessel is...	Then you must use this seabird avoidance gear in conjunction with requirements at § 679.24(e)...
>26 ft to 32 ft LOA	minimum of one buoy bag line
>32 ft to 55 ft LOA and does not have masts, poles, or rigging	minimum of one buoy bag line
>32 ft to 55 ft LOA and has masts, poles, or rigging	minimum of a single streamer line
>55 ft LOA	minimum of a single streamer line of a standard specified at § 679.24(e)(5)(ii)

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If you operate a vessel deploying hook-and-line gear, other than snap gear, in the EEZ, not including any inside waters listed above, and your vessel is...	Then you must use this seabird avoidance gear in conjunction with requirements at § 679.24(e)...
>26 ft to 55 ft LOA and does not have masts, poles, or rigging	minimum of one buoy bag line and one other device ¹
>26 ft to 55 ft LOA and has masts, poles, or rigging	minimum of a single streamer line and one other device ¹
>55 ft LOA	minimum of paired streamer lines of a standard specified at § 679.24(e)(5)(iii)
If you operate a vessel deploying hook-and-line gear, in the EEZ, not including any inside waters listed above, and it is snap gear, and your vessel is...	Then you must use this seabird avoidance gear in conjunction with requirements at § 679.24(e)...
>26 ft to 55 ft LOA and does not have masts, poles, or rigging	minimum of one buoy bag line and one other device ¹
>26 ft to 55 ft LOA and has masts, poles, or rigging	minimum of a single streamer line and one other device ¹
>55 ft LOA	minimum of a single streamer line of a standard specified at § 679.24(e)(5)(iv) and one other device ¹
If you operate a vessel deploying hook-and-line gear other than snap gear, in state waters of IPHC Area 4E, and your vessel is...	Then you must use this seabird avoidance gear in conjunction with requirements at § 679.24(e)...
>32 ft to 55 ft LOA and does not have masts, poles, or rigging	minimum of one buoy bag line and one other device ¹
>32 ft to 55 ft LOA and has masts, poles, or rigging	minimum of a single streamer line and one other device ¹
>55 ft LOA	minimum of paired streamer lines of a standard specified at § 679.24(e)(5)(iii)
If you operate a vessel deploying hook-and-line gear, in state waters of IPHC Area 4E, and it is snap gear, and your vessel is...	Then you must use this seabird avoidance gear in conjunction with requirements at § 679.24(e)...
>32 ft to 55 ft LOA and does not have masts, poles, or rigging	minimum of one buoy bag line and one other device ¹
>32 ft to 55 ft LOA and has masts, poles, or rigging	minimum of a single streamer line and one other device ¹
>55 ft LOA	minimum of a single streamer line of a standard specified at § 679.24(e)(5)(iv) and one other device ¹

¹other device = weights added to groundline, another buoy bag line or single streamer line, or strategic offal discharge [see § 679.24(e)(6) for more details]

[69 FR 1949, Jan. 13, 2004]

TABLE 21 TO PART 679—ELIGIBLE GOA COMMUNITIES, HALIBUT IFQ REGULATORY USE AREAS, AND COMMUNITY GOVERNING BODY THAT RECOMMENDS THE COMMUNITY QUOTA ENTITY

Eligible GOA Community	Community Governing Body that recommends the CQE
May use halibut QS only in halibut IFQ regulatory areas 2C, 3A	
Angoon	City of Angoon.
Coffman Cove	City of Coffman Cove.
Craig	City of Craig.
Edna Bay	Edna Bay Community Association.
Elfin Cove	Community of Elfin Cove.
Gustavus	Gustavus Community Association.
Hollis	Hollis Community Council.
Hoonah	City of Hoonah.
Hydaburg	City of Hydaburg.
Kake	City of Kake.
Kasaan	City of Kasaan.
Klawock	City of Klawock.
Metlakatla	Metlakatla Indian Village.
Meyers Chuck	N/A.
Pelican	City of Pelican.
Point Baker	Point Baker Community.
Port Alexander	City of Port Alexander.
May use halibut QS only in halibut IFQ regulatory areas 3A, 3B	
Port Protection	Port Protection Community Association.
Tenakee Springs	City of Tenakee Springs.
Thorne Bay	City of Thorne Bay.
Whale Pass	Whale Pass Community Association.
May use halibut QS only in halibut IFQ regulatory areas 3A, 3B	
Akhiok	City of Akhiok.
Chenega Bay	Chenega IRA Village.
Chignik	City of Chignik.
Chignik Lagoon	Chignik Lagoon Village Council.
Chignik Lake	Chignik Lake Traditional Council.
Halibut Cove	N/A.
Ivanof Bay	Ivanof Bay Village Council.
Karluk	Native Village of Karluk.
King Cove	City of King Cove.
Larsen Bay	City of Larsen Bay.
Nanwalek	Nanwalek IRA Council.
Old Harbor	City of Old Harbor.
Ouzinkie	City of Ouzinkie.
Perryville	Native Village of Perryville.
Port Graham	Port Graham Village Council.
Port Lyons	City of Port Lyons.

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Eligible GOA Community	Community Governing Body that recommends the CQE	Eligible GOA Community	Community Governing Body that recommends the CQE
May use halibut QS only in halibut IFQ regulatory areas 3A, 3B		May use halibut QS only in halibut IFQ regulatory areas 3A, 3B	
Sand Point	City of Sand Point.	Yakutat	City of Yakutat.
Seldovia	City of Seldovia.		
Tatitlek	Native Village of Tatitlek.		
Tyonek	Native Village of Tyonek.		

[69 FR 23694, Apr. 30, 2004]

TABLE 22 TO PART 679— ALASKA SEAMOUNT HABITAT PROTECTION AREAS

Area No.	Name	Latitude	Longitude
1	Dickins Seamount	54 39.00 N 54 39.00 N 54 27.00 N 54 27.00 N	136 48.00 W 137 9.00 W 137 9.00 W 136 48.00 W
2	Denson Seamount	54 13.20 N 54 13.20 N 53 57.00 N 53 57.00 N	137 6.00 W 137 36.00 W 137 36.00 W 137 6.00 W
3	Brown Seamount	55 0.00 N 55 0.00 N 54 48.00 N 54 48.00 N	138 24.00 W 138 48.00 W 138 48.00 W 138 24.00 W
4	Welker Seamount	55 13.80 N 55 13.80 N 55 1.80 N 55 1.80 N	140 9.60 W 140 33.00 W 140 33.00 W 140 9.60 W
5	Dall Seamount	58 18.00 N 58 18.00 N 57 45.00 N 57 45.00 N	144 54.00 W 145 48.00 W 145 48.00 W 144 54.00 W
6	Quinn Seamount	56 27.00 N 56 27.00 N 56 12.00 N 56 12.00 N	145 0.00 W 145 24.00 W 145 24.00 W 145 0.00 W
7	Giacomini Seamount	56 37.20 N 56 37.20 N 56 25.20 N 56 25.20 N	146 7.20 W 146 31.80 W 146 31.80 W 146 7.20 W
8	Kodiak Seamount	57 0.00 N 57 0.00 N 56 48.00 N 56 48.00 N	149 6.00 W 149 30.00 W 149 30.00 W 149 6.00 W
9	Odessey Seamount	54 42.00 N 54 42.00 N 54 30.00 N 54 30.00 N	149 30.00 W 150 0.00 W 150 0.00 W 149 30.00 W
10	Patton Seamount	54 43.20 N 54 43.20 N 54 34.20 N 54 34.20 N	150 18.00 W 150 36.00 W 150 36.00 W 150 18.00 W
11	Chirikof & Marchand Seamounts	55 6.00 N 55 6.00 N 54 42.00 N 54 42.00 N	151 0.00 W 153 42.00 W 153 42.00 W 151 0.00 W
12	Sirius Seamount	52 6.00 N 52 6.00 N 51 57.00 N 51 57.00 N	160 36.00 W 161 6.00 W 161 6.00 W 160 36.00 W
13	Derickson Seamount	53 0.00 N	161 0.00 W

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Area No.	Name	Latitude	Longitude
		53 0.00 N 52 48.00 N 52 48.00 N	161 30.00 W 161 30.00 W 161 0.00 W
14	Unimak Seamount	53 48.00 N 53 48.00 N 53 39.00 N 53 39.00 N	162 18.00 W 162 42.00 W 162 42.00 W 162 18.00 W
15	Bowers Seamount	54 9.00 N 54 9.00 N 54 4.20 N 54 4.20 N	174 52.20 E 174 42.00 E 174 42.00 E 174 52.20 E

Note: Each area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. Projected coordinate system is North American Datum 1983, Albers.

[71 FR 36703, June 28, 2006]

TABLE 23 TO PART 679—ALEUTIAN ISLANDS CORAL HABITAT PROTECTION AREAS

Area No.	Name	Latitude	Longitude
1	Great Sitkin I	52 9.56 N 52 9.56 N 52 4.69 N 52 6.59 N	176 6.14 W 176 12.44 W 176 12.44 W 176 6.12 W
2	Cape Moffett I	52 0.11 N 52 0.10 N 51 55.69 N 51 55.69 N 51 57.96 N	176 46.65 W 176 53.00 W 176 53.00 W 176 48.59 W 176 46.52 W
3	Adak Canyon	51 39.00 N 51 39.00 N 51 30.00 N 51 30.00 N	177 0.00 W 177 3.00 W 177 3.00 W 177 0.00 W
4	Bobrof I	51 57.35 N 51 57.36 N 51 51.65 N 51 51.71 N	177 19.94 W 177 29.11 W 177 29.11 W 177 19.93 W
5	Ulak I	51 25.85 N 51 25.69 N 51 22.28 N 51 22.28 N	178 59.00 W 179 6.00 W 179 6.00 W 178 58.95 W
6	Semisopochnoi I	51 53.10 N 51 53.10 N 51 48.84 N 51 48.89 N	179 53.11 E 179 46.55 E 179 46.55 E 179 53.11 E

Note: Each area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. Projected coordinate system is North American Datum 1983, Albers.

[71 FR 36703, June 28, 2006]

TABLE 24 TO PART 679—EXCEPT AS NOTED, LOCATIONS IN THE ALEUTIAN ISLANDS HABITAT CONSERVATION AREA OPEN TO NONPELAGIC TRAWL FISHING

Area No.	Name	Latitude	Longitude	Footnote
1	Islands of 4 Mountains North	52 54.00 N 52 54.00 N	170 18.00 W. 170 24.00 W.	

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Area No.	Name	Latitude	Longitude	Footnote
		52 42.00 N	170 24.00 W.	
		52 42.00 N	170 18.00 W.	
2	Islands of 4 Mountains West	53 12.00 N	170 0.00 W.	
		53 12.00 N	170 12.00 W.	
		53 6.00 N	170 12.00 W.	
		53 6.00 N	170 30.00 W.	
		53 0.00 N	170 30.00 W.	
		53 0.00 N	170 48.00 W.	
		52 54.00 N	170 48.00 W.	
		52 54.00 N	170 54.00 W.	
		52 48.00 N	170 54.00 W.	
		52 48.00 N	170 30.00 W.	
		52 54.00 N	170 30.00 W.	
		52 54.00 N	170 24.00 W.	
		53 0.00 N	170 24.00 W.	
		53 0.00 N	170 0.00 W.	
3	Yunaska I. South	52 24.00 N	170 30.00 W.	
		52 24.00 N	170 54.00 W.	
		52 12.00 N	170 54.00 W.	
		52 12.00 N	170 30.00 W.	
4	Amukta I. North	52 54.00 N	171 6.00 W.	
		52 54.00 N	171 30.00 W.	
		52 48.00 N	171 30.00 W.	
		52 48.00 N	171 36.00 W.	
		52 42.00 N	171 36.00 W.	
		52 42.00 N	171 12.00 W.	
		52 48.00 N	171 12.00 W.	
		52 48.00 N	171 6.00 W.	
5	Amukta Pass North	52 42.00 N	171 42.00 W.	
		52 42.00 N	172 6.00 W.	
		52 36.00 N	172 6.00 W.	
		52 36.00 N	171 42.00 W.	
6	Amliia North/Seguam	52 42.00 N	172 12.00 W.	
		52 42.00 N	172 30.00 W.	
		52 30.00 N	172 30.00 W.	
		52 30.00 N	172 36.00 W.	
		52 36.00 N	172 36.00 W.	
		52 36.00 N	172 42.00 W.	
		52 39.00 N	172 42.00 W.	
		52 39.00 N	173 24.00 W.	
		52 36.00 N	173 30.00 W.	
		52 36.00 N	173 36.00 W.	
		52 30.00 N	173 36.00 W.	
		52 30.00 N	174 0.00 W.	
		52 27.00 N	174 0.00 W.	
		52 27.00 N	174 6.00 W.	
		52 23.93 N	174 6.00 W	1
		52 13.71 N	174 6.00 W.	
		52 12.00 N	174 6.00 W.	
		52 12.00 N	174 0.00 W.	
		52 9.00 N	174 0.00 W.	
		52 9.00 N	173 0.00 W.	
		52 6.00 N	173 0.00 W.	
		52 6.00 N	172 45.00 W.	
		51 54.00 N	172 45.00 W.	
		51 54.00 N	171 48.00 W.	
		51 48.00 N	171 48.00 W.	
		51 48.00 N	171 42.00 W.	
		51 54.00 N	171 42.00 W.	
		52 12.00 N	171 42.00 W.	
		52 12.00 N	171 48.00 W.	
		52 18.00 N	171 48.00 W.	
		52 18.00 N	171 42.00 W.	
		52 30.00 N	171 42.00 W.	
		52 30.00 N	171 54.00 W.	
		52 24.00 N	171 54.00 W.	
		52 24.00 N	172 0.00 W.	
		52 12.00 N	172 0.00 W.	
		52 12.00 N	172 42.00 W.	

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Area No.	Name	Latitude	Longitude	Footnote
	Amlia North/Seguam donut	52 18.00 N	172 42.00 W.	2
		52 18.00 N	172 37.13 W	
		52 18.64 N	172 36.00 W.	
		52 24.00 N	172 36.00 W.	
		52 24.00 N	172 12.00 W	6
		52 33.00 N	172 42.00 W	5
		52 33.00 N	173 6.00 W	5
		52 30.00 N	173 6.00 W	5
		52 30.00 N	173 18.00W	5
		52 24.00 N	173 18.00 W	5
		52 24.00 N	172 48.00 W	5
		52 30.00 N	172 48.00 W	5
		52 0.00 N	172 42.00 W	5, 7
7	Atka/Amlia South	52 0.00 N	173 18.00 W.	
		52 0.00 N	173 54.00 W.	2
		52 3.08 N	173 54.00 W	
		52 6.00 N	173 58.00 W.	
		52 6.00 N	174 6.00 W.	
		52 0.00 N	174 18.00 W.	
		52 0.00 N	174 12.00 W.	
		51 54.00 N	174 12.00 W.	
		51 54.00 N	174 18.00 W.	
		52 6.00 N	174 18.00 W.	
		52 6.00 N	174 21.86 W	1
		52 4.39 N	174 30.00 W.	
		52 3.09 N	174 30.00 W	1
		52 2.58 N	174 30.00 W.	
		52 0.00 N	174 30.00 W.	
		52 0.00 N	174 36.00 W.	
		51 54.00 N	174 36.00 W.	
		51 54.00 N	174 54.00 W.	
		51 48.00 N	174 54.00 W.	
		51 48.00 N	173 24.00 W.	
		51 54.00 N	173 24.00 W.	
		51 54.00 N	173 18.00 W.	
8	Atka I. North	52 30.00 N	174 24.00 W.	
		52 30.00 N	174 30.00 W.	
		52 24.00 N	174 30.00 W.	
		52 24.00 N	174 48.00 W.	
		52 18.00 N	174 48.00 W.	
		52 18.00 N	174 54.00 W.	
		52 12.00 N	174 54.00 W.	
		52 12.00 N	175 18.00 W.	
		52 1.14 N	175 18.00 W	1
		52 2.19 N	175 12.00 W.	
		52 6.00 N	175 12.00 W.	
		52 6.00 N	174 55.51 W	1
		52 6.00 N	174 54.04 W.	
		52 6.00 N	174 48.00 W.	
		52 12.00 N	174 48.00 W.	
		52 12.00 N	174 26.85 W	1
		52 12.94 N	174 18.00 W.	
		52 16.80 N	174 18.00 W	1
		52 17.06 N	174 18.00 W.	
		52 17.64 N	174 18.00 W	1
		52 18.00 N	174 19.12 W.	
		52 18.00 N	174 20.04 W	1
		52 19.37 N	174 24.00 W.	
9	Atka I. South	52 0.68 N	175 12.00 W	2
		52 0.76 N	175 18.00 W.	
		52 0.00 N	175 18.00 W.	
		52 0.00 N	175 12.00 W.	
10	Adak I. East	52 12.00 N	176 36.00 W.	
		52 12.00 N	176 36.00 W.	
		52 12.00 N	176 0.00 W.	
		52 2.59 N	176 0.00 W	1
		52 1.79 N	176 0.00 W.	
		52 0.00 N	176 0.00 W.	
		52 0.00 N	175 48.00 W.	
		51 57.74 N	175 48.00 W	1

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Area No.	Name	Latitude	Longitude	Footnote
		51 55.48 N	175 48.00 W.	
		51 54.00 N	175 48.00 W.	
		51 54.00 N	176 0.00 W	1
		51 53.09 N	176 6.00 W.	
		51 51.40 N	176 6.00 W	1
		51 49.67 N	176 6.00 W.	
		51 48.73 N	176 6.00 W	1
		51 48.00 N	176 6.36 W.	
		51 48.00 N	176 9.82 W	1
		51 48.00 N	176 9.99 W.	
		51 48.00 N	176 16.19 W	1
		51 48.00 N	176 24.71 W.	
		51 48.00 N	176 25.71 W	1
		51 45.58 N	176 30.00 W.	
		51 42.00 N	176 30.00 W.	
		51 42.00 N	176 33.92 W	1
		51 41.22 N	176 42.00 W.	
		51 30.00 N	176 42.00 W.	
		51 30.00 N	176 36.00 W.	
		51 36.00 N	176 36.00 W.	
		51 36.00 N	176 0.00 W.	
		51 42.00 N	176 0.00 W.	
		51 42.00 N	175 36.00 W.	
		51 48.00 N	175 36.00 W.	
		51 48.00 N	175 18.00 W.	
		51 51.00 N	175 18.00 W.	
		51 51.00 N	175 0.00 W.	
		51 57.00 N	175 0.00 W.	
		51 57.00 N	175 18.00 W.	
		52 0.00 N	175 18.00 W.	
		52 0.00 N	175 30.00 W.	
		52 3.00 N	175 30.00 W.	
		52 3.00 N	175 36.00 W.	
11	Cape Adagdak	52 6.00 N	176 12.44 W.	
		52 6.00 N	176 30.00 W.	
		52 3.00 N	176 30.00 W.	
		52 3.00 N	176 42.00 W.	
		52 0.00 N	176 42.00 W.	
		52 0.00 N	176 46.64 W.	
		51 57.92 N	176 46.51 W	1
		51 54.00 N	176 37.07 W.	
		51 54.00 N	176 18.00 W.	
		52 0.00 N	176 18.00 W.	
		52 0.00 N	176 12.00 W.	
		52 2.85 N	176 12.00 W	1
		52 4.69 N	176 12.44 W.	
12	Cape Kiguga/Round Head	52 0.00 N	176 53.00 W.	
		52 0.00 N	177 6.00 W.	
		51 56.06 N	177 6.00 W	1
		51 54.00 N	177 2.84 W.	
		51 54.00 N	176 54.00 W.	
		51 48.79 N	176 54.00 W	1
		51 48.00 N	176 50.35 W.	
		51 48.00 N	176 43.14 W	1
		51 55.69 N	176 48.59 W.	
		51 55.69 N	176 53.00 W.	
13	Adak Strait South	51 42.00 N	176 55.77 W.	
		51 42.00 N	177 12.00 W.	
		51 30.00 N	177 12.00 W.	
		51 36.00 N	177 6.00 W.	
		51 36.00 N	177 3.00 W.	
		51 39.00 N	177 3.00 W.	
		51 39.00 N	177 0.00 W.	
		51 36.00 N	177 0.00 W.	
		51 36.00 N	176 57.72 W	3
14	Bay of Waterfalls	51 38.62 N	176 54.00 W.	
		51 36.00 N	176 54.00 W.	
		51 36.00 N	176 55.99 W	3
15	Tanaga/Kanaga North	51 54.00 N	177 12.00 W.	

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Area No.	Name	Latitude	Longitude	Footnote
		51 54.00 N	177 19.93 W.	
		51 51.71 N	177 19.93 W.	
		51 51.65 N	177 29.11 W.	
		51 54.00 N	177 29.11 W.	
		51 54.00 N	177 30.00 W.	
		51 57.00 N	177 30.00 W.	
		51 57.00 N	177 42.00 W.	
		51 54.00 N	177 42.00 W.	
		51 54.00 N	177 54.00 W.	
		51 50.92 N	177 54.00 W	1
		51 48.00 N	177 46.44 W.	
		51 48.00 N	177 42.00 W.	
		51 42.59 N	177 42.00 W	1
		51 45.57 N	177 24.01 W.	
		51 48.00 N	177 24.00 W.	
		51 48.00 N	177 14.08 W	4
16	Tanaga/Kanaga South	51 43.78 N	177 24.04 W	1
		51 42.37 N	177 42.00 W.	
		51 42.00 N	177 42.00 W.	
		51 42.00 N	177 50.04 W	1
		51 40.91 N	177 54.00 W.	
		51 36.00 N	177 54.00 W.	
		51 36.00 N	178 0.00 W.	
		51 38.62 N	178 0.00 W	1
		51 42.52 N	178 6.00 W.	
		51 49.34 N	178 6.00 W	1
		51 51.35 N	178 12.00 W.	
		51 48.00 N	178 12.00 W.	
		51 48.00 N	178 30.00 W.	
		51 42.00 N	178 30.00 W.	
		51 42.00 N	178 36.00 W.	
		51 36.26 N	178 36.00 W	1
		51 35.75 N	178 36.00 W.	
		51 27.00 N	178 36.00 W.	
		51 27.00 N	178 42.00 W.	
		51 21.00 N	178 42.00 W.	
		51 21.00 N	178 24.00 W.	
		51 24.00 N	178 24.00 W.	
		51 24.00 N	178 12.00 W.	
		51 30.00 N	178 12.00 W.	
		51 30.00 N	177 24.00 W.	
17	Amchitka Pass East	51 42.00 N	178 48.00 W.	
		51 42.00 N	179 18.00 W.	
		51 45.00 N	179 18.00 W.	
		51 45.00 N	179 36.00 W.	
		51 42.00 N	179 36.00 W.	
		51 42.00 N	179 39.00 W.	
		51 30.00 N	179 39.00 W.	
		51 30.00 N	179 36.00 W.	
		51 18.00 N	179 36.00 W.	
		51 18.00 N	179 24.00 W.	
		51 30.00 N	179 24.00 W.	
		51 30.00 N	179 0.00 W.	
		51 25.82 N	179 0.00 W.	
		51 25.85 N	178 59.00 W.	
		51 24.00 N	178 58.97 W.	
		51 24.00 N	178 54.00 W.	
		51 30.00 N	178 54.00 W.	
		51 30.00 N	178 48.00 W.	
		51 32.69 N	178 48.00 W	1
		51 33.95 N	178 48.00 W.	
18	Amatignak I	51 18.00 N	178 54.00 W.	
		51 18.00 N	179 5.30 W	1
		51 18.00 N	179 6.75 W.	
		51 18.00 N	179 12.00 W.	
		51 6.00 N	179 12.00 W.	
		51 6.00 N	179 0.00 W.	
		51 12.00 N	179 0.00 W.	
		51 12.00 N	178 54.00 W.	
19	Amchitka Pass Center	51 30.00 N	179 48.00 W.	

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Area No.	Name	Latitude	Longitude	Footnote
		51 30.00 N	180 0.00 W.	
		51 24.00 N	180 0.00 W.	
		51 24.00 N	179 48.00 W.	
20	Amchitka Pass West	51 36.00 N	179 54.00 E.	
		51 36.00 N	179 36.00 E.	
		51 30.00 N	179 36.00 E.	
		51 30.00 N	179 45.00 E.	
		51 27.00 N	179 48.00 E.	
		51 24.00 N	179 48.00 E.	
		51 24.00 N	179 54.00 E.	
21	Petrel Bank	52 51.00 N	179 12.00 W.	
		52 51.00 N	179 24.00 W.	
		52 48.00 N	179 24.00 W.	
		52 48.00 N	179 30.00 W.	
		52 42.00 N	179 30.00 W.	
		52 42.00 N	179 36.00 W.	
		52 36.00 N	179 36.00 W.	
		52 36.00 N	179 48.00 W.	
		52 30.00 N	179 48.00 W.	
		52 30.00 N	179 42.00 E.	
		52 24.00 N	179 42.00 E.	
		52 24.00 N	179 36.00 E.	
		52 12.00 N	179 36.00 E.	
		52 12.00 N	179 36.00 W.	
		52 24.00 N	179 36.00 W.	
		52 24.00 N	179 30.00 W.	
		52 30.00 N	179 30.00 W.	
		52 30.00 N	179 24.00 W.	
		52 36.00 N	179 24.00 W.	
		52 36.00 N	179 18.00 W.	
		52 42.00 N	179 18.00 W.	
		52 42.00 N	179 12.00 W.	
22	Rat I./Amchitka I. South	51 21.00 N	179 36.00 E.	
		51 21.00 N	179 18.00 E.	
		51 18.00 N	179 18.00 E.	
		51 18.00 N	179 12.00 E.	
		51 23.77 N	179 12.00 E	1
		51 24.00 N	179 10.20 E.	
		51 24.00 N	179 0.00 E.	
		51 36.00 N	178 36.00 E.	
		51 36.00 N	178 24.00 E.	
		51 42.00 N	178 24.00 E.	
		51 42.00 N	178 6.00 E.	
		51 48.00 N	178 6.00 E.	
		51 48.00 N	177 54.00 E.	
		51 54.00 N	177 54.00 E.	
		51 54.00 N	178 12.00 E.	
		51 48.00 N	178 12.00 E.	
		51 48.00 N	178 17.09 E	1
		51 48.00 N	178 20.60 E.	
		51 48.00 N	178 24.00 E.	
		52 6.00 N	178 24.00 E.	
		52 6.00 N	178 12.00 E.	
		52 0.00 N	178 12.00 E.	
		52 0.00 N	178 11.01 E	1
		52 0.00 N	178 5.99 E.	
		52 0.00 N	177 54.00 E.	
		52 9.00 N	177 54.00 E.	
		52 9.00 N	177 42.00 E.	
		52 0.00 N	177 42.00 E.	
		52 0.00 N	177 48.00 E.	
		51 54.00 N	177 48.00 E.	
		51 54.00 N	177 30.00 E.	
		51 51.00 N	177 30.00 E.	
		51 51.00 N	177 24.00 E.	
		51 45.00 N	177 24.00 E.	
		51 45.00 N	177 30.00 E.	
		51 48.00 N	177 30.00 E.	
		51 48.00 N	177 42.00 E.	
		51 42.00 N	177 42.00 E.	
		51 42.00 N	178 0.00 E.	

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Area No.	Name	Latitude	Longitude	Footnote
		51 39.00 N	178 0.00 E.	
		51 39.00 N	178 12.00 E.	
		51 36.00 N	178 12.00 E.	
		51 36.00 N	178 18.00 E.	
		51 30.00 N	178 18.00 E.	
		51 30.00 N	178 24.00 E.	
		51 24.00 N	178 24.00 E.	
		51 24.00 N	178 36.00 E.	
		51 30.00 N	178 36.00 E.	
		51 24.00 N	178 48.00 E.	
		51 18.00 N	178 48.00 E.	
		51 18.00 N	178 54.00 E.	
		51 12.00 N	178 54.00 E.	
		51 12.00 N	179 30.00 E.	
		51 18.00 N	179 30.00 E.	
		51 18.00 N	179 36.00 E.	
23	Amchitka I. North	51 42.00 N	179 12.00 E.	
		51 42.00 N	178 57.00 E.	
		51 36.00 N	178 56.99 E.	
		51 36.00 N	179 0.00 E.	
		51 33.62 N	179 0.00 E	2
		51 30.00 N	179 5.00 E.	
		51 30.00 N	179 18.00 E.	
		51 36.00 N	179 18.00 E.	
		51 36.00 N	179 12.00 E.	
24	Pillar Rock	52 9.00 N	177 30.00 E.	
		52 9.00 N	177 18.00 E.	
		52 6.00 N	177 18.00 E.	
		52 6.00 N	177 30.00 E.	
25	Murray Canyon	51 48.00 N	177 12.00 E.	
		51 48.00 N	176 48.00 E.	
		51 36.00 N	176 48.00 E.	
		51 36.00 N	177 0.00 E.	
		51 39.00 N	177 0.00 E.	
		51 39.00 N	177 6.00 E.	
		51 42.00 N	177 6.00 E.	
		51 42.00 N	177 12.00 E.	
26	Buldir	52 6.00 N	177 12.00 E.	
		52 6.00 N	177 0.01 E.	
		52 6.00 N	177 0.00 E.	
		52 12.00 N	177 0.00 E.	
		52 12.00 N	176 54.00 E.	
		52 9.00 N	176 54.00 E.	
		52 9.00 N	176 48.00 E.	
		52 0.00 N	176 48.00 E.	
		52 0.00 N	176 36.00 E.	
		52 6.00 N	176 36.00 E.	
		52 6.00 N	176 24.00 E.	
		52 12.00 N	176 24.00 E.	
		52 12.00 N	176 12.00 E.	
		52 18.00 N	176 12.00 E.	
		52 18.00 N	176 30.00 E.	
		52 24.00 N	176 30.00 E.	
		52 24.00 N	176 0.00 E.	
		52 18.00 N	176 0.00 E.	
		52 18.00 N	175 54.00 E.	
		52 20.79 N	175 54.00 E	1
		52 22.38 N	175 54.00 E.	
		52 24.00 N	175 54.00 E.	
		52 24.00 N	175 48.00 E.	
		52 30.00 N	175 48.00 E.	
		52 30.00 N	175 36.00 E.	
		52 36.00 N	175 36.00 E.	
		52 36.00 N	175 24.00 E.	
		52 24.00 N	175 24.00 E.	
		52 24.00 N	175 30.00 E.	
		52 18.00 N	175 30.00 E.	
		52 18.00 N	175 36.00 E.	
		52 24.00 N	175 36.00 E.	
		52 24.00 N	175 42.00 E.	

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Area No.	Name	Latitude	Longitude	Footnote
		52 12.00 N	175 54.00 E.	
		52 6.00 N	175 54.00 E.	
		52 6.00 N	175 48.00 E.	
		52 0.00 N	175 48.00 E.	
		52 0.00 N	175 54.00 E.	
		51 54.00 N	175 54.00 E.	
		51 54.00 N	175 36.00 E.	
		51 42.00 N	175 36.00 E.	
		51 42.00 N	175 30.00 E.	
		51 36.00 N	175 30.00 E.	
		51 36.00 N	175 36.00 E.	
		51 30.00 N	175 36.00 E.	
		51 30.00 N	175 42.00 E.	
		51 36.00 N	175 42.00 E.	
		51 36.00 N	176 0.00 E.	
		52 0.00 N	176 0.00 E.	
		52 0.00 N	176 6.00 E.	
		52 6.00 N	176 6.00 E.	
		52 6.00 N	176 12.00 E.	
		52 0.00 N	176 12.00 E.	
		52 0.00 N	176 30.00 E.	
		51 54.00 N	176 30.00 E.	
		51 54.00 N	177 0.00 E.	
		52 0.00 N	177 0.00 E.	
		52 0.00 N	177 0.01 E.	
		52 0.00 N	177 12.00 E	6
	Buldir donut	51 48.00 N	175 48.00 E	5
		51 48.00 N	175 42.00 E	5
		51 45.00 N	175 42.00 E	5
		51 45.00 N	175 48.00 E	5, 7
27	Buldir Mound	51 54.00 N	176 24.00 E.	
		51 54.00 N	176 18.00 E.	
		51 48.00 N	176 18.00 E.	
		51 48.00 N	176 24.00 E.	
28	Tahoma Canyon	52 0.00 N	175 18.00 E.	
		52 0.00 N	175 12.00 E.	
		51 42.00 N	175 12.00 E.	
		51 42.00 N	175 24.00 E.	
		51 54.00 N	175 24.00 E.	
		51 54.00 N	175 18.00 E.	
29	Walls Plateau	52 24.00 N	175 24.00 E.	
		52 24.00 N	175 12.00 E.	
		52 18.00 N	175 12.00 E.	
		52 18.00 N	175 0.00 E.	
		52 12.00 N	175 0.00 E.	
		52 12.00 N	174 42.00 E.	
		52 6.00 N	174 42.00 E.	
		52 6.00 N	174 36.00 E.	
		52 0.00 N	174 36.00 E.	
		52 0.00 N	174 42.00 E.	
		51 54.00 N	174 42.00 E.	
		51 54.00 N	174 48.00 E.	
		52 0.00 N	174 48.00 E.	
		52 0.00 N	174 54.00 E.	
		52 6.00 N	174 54.00 E.	
		52 6.00 N	175 18.00 E.	
		52 12.00 N	175 24.00 E.	
30	Semichi I	52 30.00 N	175 6.00 E.	
		52 30.00 N	175 0.00 E.	
		52 36.00 N	175 0.00 E.	
		52 36.00 N	174 48.00 E.	
		52 42.00 N	174 48.00 E.	
		52 42.00 N	174 33.00 E.	
		52 36.00 N	174 33.00 E.	
		52 36.00 N	174 24.00 E.	
		52 39.00 N	174 24.00 E.	
		52 39.00 N	174 0.00 E.	
		52 42.00 N	173 54.00 E.	
		52 45.16 N	173 54.00 E	1
		52 46.35 N	173 54.00 E.	

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Area No.	Name	Latitude	Longitude	Footnote
		52 54.00 N	173 54.00 E.	
		52 54.00 N	173 30.00 E.	
		52 48.00 N	173 30.00 E.	
		52 48.00 N	173 36.00 E.	
		52 36.00 N	173 36.00 E.	
		52 36.00 N	173 54.00 E.	
		52 18.00 N	173 54.00 E.	
		52 18.00 N	174 30.00 E.	
		52 30.00 N	174 30.00 E.	
		52 30.00 N	174 48.00 E.	
		52 24.00 N	174 48.00 E.	
		52 24.00 N	175 6.00 E.	
31	Agattu South	52 18.00 N	173 54.00 E.	
		52 18.00 N	173 24.00 E.	
		52 9.00 N	173 24.00 E.	
		52 9.00 N	173 36.00 E.	
		52 6.00 N	173 36.00 E.	
		52 6.00 N	173 54.00 E.	
32	Attu I. North	53 3.00 N	173 24.00 E.	
		53 3.00 N	173 6.00 E.	
		53 0.00 N	173 6.00 E.	
		53 0.00 N	173 24.00 E.	
33	Attu I. West	52 54.00 N	172 12.00 E.	
		52 54.00 N	172 0.00 E.	
		52 48.00 N	172 0.00 E.	
		52 48.00 N	172 12.00 E.	
34	Stalemate Bank	53 0.00 N	171 6.00 E.	
		53 0.00 N	170 42.00 E.	
		52 54.00 N	170 42.00 E.	
		52 54.00 N	171 6.00 E.	

Note: Unless otherwise footnoted, each area is delineated by connecting in order the coordinates listed by straight lines. Except for the Amia North/Seguam donut and the Buldir donut, each area delineated in the table is open to nonpelagic trawl gear fishing. The remainder of the entire Aleutian Islands subarea and the areas delineated by the coordinates for the Amia North/Seguam and Buldir donuts are closed to nonpelagic trawl gear fishing, as specified at § 679.22. Unless otherwise noted, the last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. The projected coordinate system is North American Datum 1983, Albers.

¹ The connection of these coordinates to the next set of coordinates is by a line extending in a clockwise direction from these coordinates along the shoreline at mean lower-low water to the next set of coordinates.

² The connection of these coordinates to the next set of coordinates is by a line extending in a counter clockwise direction from these coordinates along the shoreline at mean lower-low water to the next set of coordinates.

³ The connection of these coordinates to the first set of coordinates for this area is by a line extending in a clockwise direction from these coordinates along the shoreline at mean lower-low water to the first set of coordinates.

⁴ The connection of these coordinates to the first set of coordinates for this area is by a line extending in a counter clockwise direction from these coordinates along the shoreline at mean lower-low water to the first set of coordinates.

⁵ The area specified by this set of coordinates is closed to fishing with nonpelagic trawl gear.

⁶ This set of coordinates is connected to the first set of coordinates listed for the area by a straight line.

⁷ The last coordinate for the donut is connected to the first set of coordinates for the donut by a straight line.

[71 FR 36703, June 28, 2006]

TABLE 25 TO PART 679—BOWERS RIDGE HABITAT CONSERVATION ZONE

Area number	Name	Latitude	Longitude
1	Bowers Ridge	55 10.50 N	178 27.25 E
		54 54.50 N	177 55.75 E
		54 5.83 N	179 20.75 E
		52 40.50 N	179 55.00 W
		52 44.50 N	179 26.50 W
		54 15.50 N	179 54.00 W
2	Ulm Plateau	55 5.00 N	177 15.00 E
		55 5.00 N	175 60.00 E
		54 34.00 N	175 60.00 E
		54 34.00 N	177 15.00 E

Note: Each area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. Projected coordinate system is North American Datum 1983, Albers.

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[71 FR 36703, June 28, 2006]

TABLE 26 TO PART 679—GULF OF ALASKA CORAL HABITAT PROTECTION AREAS

Area number	Name	Latitude	Longitude
1	Cape Ommaney 1	56 10.85 N 56 11.18 N 56 9.53 N 56 9.52 N	135 5.83 W 135 7.17 W 135 7.68 W 135 7.20 W
2	Fairweather FS2	58 15.00 N 58 15.00 N 58 13.92 N 58 13.92 N	138 52.58 W 138 54.08 W 138 54.08 W 138 52.58 W
3	Fairweather FS1	58 16.00 N 58 16.00 N 58 13.17 N	138 59.25 W 139 9.75 W 138 59.25 W
4	Fairweather FN2	58 24.10 N 58 24.10 N 58 22.55 N 58 22.55 N	139 14.58 W 139 18.50 W 139 18.50 W 139 14.58 W
5	Fairweather FN1	58 27.42 N 58 27.42 N 58 26.32 N 58 26.32 N	139 17.75 W 139 19.08 W 139 19.08 W 139 17.75 W

Note: Each area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. Projected coordinate system is North American Datum 1983, Albers.

[71 FR 36703, June 28, 2006]

TABLE 27 TO PART 679—GULF OF ALASKA SLOPE HABITAT CONSERVATION AREAS

Area number	Name	Latitude	Longitude
1	Yakutat	58 47.00 N 58 47.00 N 58 37.00 N 58 36.97 N	139 55.00 W 140 32.00 W 140 32.00 W 139 54.99 W
2	Cape Suckling	59 50.00 N 59 50.00 N 59 40.00 N 59 40.00 N	143 20.00 W 143 30.00 W 143 30.00 W 143 20.00 W
3	Kayak I.	59 35.00 N 59 40.00 N 59 30.00 N 59 25.00 N 59 25.00 N	144 0.00 W 144 25.00 W 144 50.00 W 144 50.00 W 144 2.00 W
4	Middleton I. east	59 32.31 N 59 32.13 N 59 20.00 N 59 18.85 N	145 29.09 W 145 51.14 W 145 51.00 W 145 29.39 W
5	Middleton I. west	59 14.64 N 59 15.00 N 59 10.00 N 59 8.74 N	146 29.63 W 147 0.00 W 147 0.00 W 146 30.16 W
6	Cable	58 40.00 N 59 6.28 N 59 0.00 N 58 34.91 N	148 0.00 W 149 0.28 W 149 0.00 W 147 59.85 W
7	Albatross Bank	56 16.00 N	152 40.00 W

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Area number	Name	Latitude	Longitude
		56 16.00 N 56 11.00 N 56 10.00 N	153 20.00 W 153 20.00 W 152 40.00 W
8	Shumagin I.	54 51.49 N 54 40.00 N 54 35.00 N 54 36.00 N	157 42.52 W 158 10.00 W 158 10.00 W 157 42.00 W
9	Sanak I.	54 12.86 N 54 0.00 N 53 53.00 N 54 5.00 N	162 13.54 W 163 15.00 W 163 15.00 W 162 12.00 W
10	Unalaska I.	53 26.05 N 53 6.92 N 52 55.71 N 53 13.05 N	165 55.55 W 167 19.40 W 167 18.20 W 165 55.55 W

Note: Each area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. Projected coordinate system is North American Datum 1983, Albers.

[71 FR 36703, June 28, 2006]

TABLE 28 TO PART 679—QUALIFYING SEASON DATES IN THE CENTRAL GOA PRIMARY ROCKFISH SPECIES

A Legal Rockfish Landing includes	Year						
	1996	1997	1998	1999	2000	2001	2002
Northern rockfish that were harvested between...	July 1 July 20	July 1 July 10	July 1 July 14	July 1 19 and Aug. 6 10	July 4 26	July 1 23 and Oct. 1 21	June 30 July 21
and landed by ...	July 27	July 17	July 21	July 26 and Aug. 17, respectively	August 2	July 30 and Oct. 28, respectively	July 28
Pelagic shelf rockfish that were harvested between...	July 1 Aug. 7 and Oct. 1 Dec. 2	July 1 July 20	July 1 July 19	July 4 Sept. 3	July 4 26	July 1 23 and Oct. 1 21	June 30 July 21
and landed by ...	Aug. 14 and Dec. 9, respectively	July 27	July 26	Sept. 10	Aug. 2	July 30 and Oct. 28, respectively	July 28
Pacific ocean perch that were harvested between ...	July 1 July 11	July 1 July 7	July 1 July 6 and July 12 14	July 4 11 and Aug. 6 8	July 4 15	July 1 12	June 30 July 8
and landed by ...	July 18	July 14	July 13 and July 21, respectively	July 18 and Aug. 15, respectively	July 22	July 19	July 15

[71 FR 67271, Nov. 20, 2006]

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TABLE 29 TO PART 679—INITIAL ROCKFISH QS POOLS

Initial Rockfish QS Pool	Northern Rockfish	Pelagic Shelf Rockfish	Pacific ocean perch	Aggregate Primary Species Initial Rockfish QS Pool
Initial Rockfish QS Pool	9,193,183 units	7,672,008 units	18,121,812 units	34, 987,002 units
Initial Rockfish QS Pool for the Catcher/Process or Sector	Based on the Official Rockfish Program Record on January 31, 2007.			
Initial Rockfish QS Pool for the Catcher Vessel Sector	Based on the Official Rockfish Program Record on January 31, 2007.			

[71 FR 67271, Nov. 20, 2006]

TABLE 30 TO PART 679—ROCKFISH PROGRAM RETAINABLE PERCENTAGES (IN ROUND WT. EQUIVALENT)

Fishery	Incidental Catch Species	Sector	MRA as a percentage of total retained primary rockfish species
Rockfish Cooperative Fishery for vessels fishing under a CQ permit.	Pacific Cod	Catcher/Processor	4.0 percent
	Shortraker/Rougheye aggregate catch	Catcher Vessel	2.0 percent
	See NonAllocated Secondary species for "other species"		
Rockfish Limited Access Fishery.	Pacific Cod	Catcher Vessel	8.0 percent
	Pacific Cod	Catcher/Processor	4.0 percent
	Sablefish (trawl gear)	Catcher/Processor and Catcher Vessel	3.0 percent
	Shortraker/Rougheye aggregate catch	Catcher/Processor and Catcher Vessel	2.0 percent
	Northern Rockfish	Catcher/Processor and Catcher Vessel	4.0 percent
	Pelagic Shelf Rockfish	Catcher/Processor and Catcher Vessel	4.0 percent
	Pacific ocean perch,	Catcher/Processor and Catcher Vessel	4.0 percent
	Thornyhead rockfish	Catcher/Processor and Catcher Vessel	4.0 percent
	See NonAllocated Secondary species for other species		
Non-Allocated Secondary Species for vessels fishing under a CQ permit in Rockfish Cooperatives and Rockfish Limited Access Fisheries.	Pollock	Catcher/Processor and Catcher Vessel	20.0 percent
	DeepWater flatfish	Catcher/Processor and Catcher Vessel	20.0 percent
	Rex Sole	Catcher/Processor and Catcher Vessel	20.0 percent

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Fishery	Incidental Catch Species	Sector	MRA as a percentage of total retained primary rockfish species
	Flathead Sole	Catcher/Processor and Catcher Vessel	20.0 percent
	Shallowwater flatfish	Catcher/Processor and Catcher Vessel	20.0 percent
	Arrowtooth	Catcher/Processor and Catcher Vessel	35.0 percent
	Other Rockfish	Catcher/Processor and Catcher Vessel	15.0 percent
	Atka Mackerel	Catcher/Processor and Catcher Vessel	20.0 percent
	Aggregated forage fish	Catcher/Processor and Catcher Vessel	2.0 percent
	Skates	Catcher/Processor and Catcher Vessel	20.0 percent
	Other Species	Catcher/Processor and Catcher Vessel	20.0 percent
Longline gear Rockfish Entry Level Fishery.	See Table 10 to this part.		
Trawl Rockfish Entry Level Fishery.	See Table 10 to this part.		
Optout Fishery.	See Table 10 to this part.		
Rockfish Cooperative Vessels not fishing under a CQ permit	See Table 10 to this part.		

[71 FR 67272, Nov. 20, 2006]

TABLE 31 TO PART 679—LIST OF AMENDMENT 80 VESSELS AND LLP LICENSES
ORIGINALLY ASSIGNED TO AN AMENDMENT 80 VESSEL

Column A: Name of amendment 80 vessel	Column B: USCG Documentation No.	Column C: LLP license number originally assigned to the Amendment 80 vessel
ALASKA JURIS	569276	LLG 2082
ALASKA RANGER	550138	LLG 2118
ALASKA SPIRIT	554913	LLG 3043
ALASKA VOYAGER	536484	LLG 2084
ALASKA VICTORY	569752	LLG 2080
ALASKA WARRIOR	590350	LLG 2083
ALLIANCE	622750	LLG 2905
AMERICAN NO I	610654	LLG 2028
ARCTIC ROSE	931446	LLG 3895
ARICA	550139	LLG 2429
BERING ENTERPRISE	610869	LLG 3744
CAPE HORN	653806	LLG 2432
CONSTELLATION	640364	LLG 1147
DEFENDER	665983	LLG 3217
ENTERPRISE	657383	¹ LLG 4831
GOLDEN FLEECE	609951	LLG 2524
HARVESTER ENTERPRISE	584902	LLG 3741
LEGACY	664882	LLG 3714
OCEAN ALASKA	623210	LLG 4360
OCEAN PEACE	677399	LLG 2138
PROSPERITY	615485	LLG 1802
REBECCA IRENE	697637	LLG 3958

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Column A: Name of amendment 80 vessel	Column B: USCG Documentation No.	Column C: LLP license number originally assigned to the Amendment 80 vessel
SEAFISHER	575587	LLG 2014
SEAFREEZE ALASKA	517242	LLG 4692
TREMONT	529154	LLG 2785
U.S. INTREPID	604439	LLG 3662
UNIMAK	637693	LLG 3957
VAERDAL	611225	LLG 1402

¹ LLG 4831 is the LLP license originally assigned to the F/V ENTERPRISE, USCG Documentation Number 657383 for all relevant purposes of this part.

[72 FR 52739, Sept. 14, 2007]

EFFECTIVE DATE NOTE: At 72 FR 52739, Sept. 14, 2007, Table 31 to part 679 was added, effective Oct. 15, 2007.

TABLE 32 TO PART 679—AMENDMENT 80 INITIAL QS POOL

Amendment 80 species	Management area	Amendment 80 initial QS pool in units
Atka mackerel	BS/541	Σ Highest Five Years in metric tons in the Amendment 80 official record as of December 31, 2007, for that Amendment 80 species in that management area.
	542	
	543	
Al Pacific ocean perch	541	
	542	
	543.	
Flathead sole	BSAI.	
Pacific cod	BSAI.	
Rock sole	BSAI.	
Yellowfin sole	BSAI.	

[72 FR 52739, Sept. 14, 2007]

EFFECTIVE DATE NOTE: At 72 FR 52739, Sept. 14, 2007, Table 32 to part 679 was added, effective Oct. 15, 2007.

TABLE 33 TO PART 679—ANNUAL APPORTION OF AMENDMENT 80 SPECIES ITAC BETWEEN THE AMENDMENT 80 AND BSAI TRAWL LIMITED ACCESS SECTORS (EXCEPT YELLOWFIN SOLE)

Fishery	Management area	Year	Percentage of ITAC allocated to the Amendment 80 sector	Percentage of ITAC allocated to the BSAI trawl limited access sector
Atka Mackerel	543	All years	100	0
	542	2008	98	2
		2009	96	4
		2010	94	6
		2011	93	8
		2012 and all future years	90	10
	541/EBS	2008	98	2
		2009	96	4
		2010	94	6
		2011	92	8
		2012 and all future years	90	10
Aleutian Islands Pacific ocean perch.	543	All years	98	2
	542	2008	95	5
	541	2009 and all future years	90	10
		2008	95	5

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Fishery	Management area	Year	Percentage of ITAC allocated to the Amendment 80 sector	Percentage of ITAC allocated to the BSAI trawl limited access sector
Pacific cod	BSAI	All years	13.4	N/A
Rock sole	BSAI	All years	100	0
Flathead sole	BSAI	All years	100	0

[72 FR 52739, Sept. 14, 2007]

EFFECTIVE DATE NOTE: At 72 FR 52739, Sept. 14, 2007, Table 33 to part 679 was added, effective Oct. 15, 2007.

TABLE 34 TO PART 679—ANNUAL APPORTIONMENT OF BSAI YELLOWFIN SOLE
BETWEEN THE AMENDMENT 80 AND BSAI TRAWL LIMITED ACCESS SECTORS

Row No.	If the yellowfin sole ITAC is between . . .	and . . .	then the yellowfin sole ITAC rate for the Amendment 80 sector is . . .	and the amount of yellowfin sole ITAC allocated to Amendment 80 Sector is . . .	and the amount of yellowfin sole ITAC allocated to the BSAI trawl limited access sector is . . .
	Column A	Column B	Column C	Column D	Column E
Row 1	0 mt	87,499 mt	0.93	ITAC × Row 1, Column C	ITAC—Row 1, Column E.
Row 2	87,500 mt	94,999 mt	0.875	(Amount of ITAC greater than 87,499 mt and less than 95,000 mt × Row 2, Column C) + Row 1, Column D.	ITAC—Row 2, Column D.
Row 3	95,000 mt	102,499 mt	0.82	(Amount of ITAC greater than 94,999 mt and less than 102,500 mt × Row 3, Column C) + Column D, Row 2.	ITAC—Row 3, Column D.
Row 4	102,500 mt	109,999 mt	0.765	(Amount of ITAC greater than 102,499 mt and less than 110,000 mt × Row 4, Column C) + Column D, Row 3.	ITAC—Row 4, Column D.
Row 5	110,000 mt	117,499 mt	0.71	(Amount of ITAC greater than 109,999 mt and less than 117,500 mt × Row 5, Column C) + Column D, Row 4.	ITAC—Row 5, Column D.
Row 6	117,500 mt	124,999 mt	0.655	(Amount of ITAC greater than 117,499 mt and less than 125,000 mt × Row 6, Column C) + Column D, Row 5).	ITAC—Row 6, Column D.
Row 7	125,000 mt and greater		0.6	(Amount of ITAC greater than 124,999 mt × Row 7, Column C) + Column D, Row 6.	ITAC—Row 7, Column D.

[72 FR 52739, Sept. 14, 2007]

EFFECTIVE DATE NOTE: At 72 FR 52739, Sept. 14, 2007, Table 34 to part 679 was added, effective Oct. 15, 2007.

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TABLE 35 TO PART 679—APPORTIONMENT OF CRAB PSC AND HALIBUT PSC BETWEEN THE AMENDMENT 80 AND BSAI TRAWL LIMITED ACCESS SECTORS

Fishery	Year	Halibut PSC limit in the BSAI	Zone 1 Red king crab PSC limit	<i>C. opilio</i> crab PSC limit (COBLZ)	Zone 1 <i>C. bairdi</i> crab PSC limit	Zone 2 <i>C. bairdi</i> crab PSC limit
			as a percentage of the total BSAI trawl PSC limit after allocation as PSQ			
Amendment 80 sector	2008	2,525 mt	62.48	61.44	52.64	29.59
	2009	2,475 mt	59.36	58.37	50.01	28.11
	2010	2,425 mt	56.23	55.3	47.38	26.63
	2011	2,375 mt	53.11	52.22	44.74	25.15
	2012 and all future years	2,325 mt	49.98	49.15	42.11	23.67
BSAI trawl limited access	All years	875 mt	30.58	32.14	46.99	46.81

[72 FR 52739, Sept. 14, 2007]

EFFECTIVE DATE NOTE: At 72 FR 52739, Sept. 14, 2007, Table 35 to part 679 was added, effective Oct. 15, 2007.

TABLE 36 TO PART 679—PERCENTAGE OF CRAB AND HALIBUT PSC LIMIT ASSIGNED TO EACH AMENDMENT 80 SPECIES

For the following PSC species	The percentage of the Amendment 80 sector PSC limit assigned to each Amendment 80 species is					
	Atka mackerel	Al Pacific ocean perch	Pacific cod	Flathead sole	Rock sole	Yellowfin sole
Halibut	3.96	1.87	24.79	13.47	24.19	31.72
Zone 1 Red king crab	0.14%	0.56%	6.88%	0.48%	61.79%	30.16%
<i>C. opilio</i> crab (COBLZ)	0%	0.06%	6.28%	17.91%	9.84%	65.91%
Zone 1 <i>C. bairdi</i> crab	0%	0%	17.01%	3.13%	56.15%	23.71%
Zone 2 <i>C. bairdi</i> crab	0.01%	0.03%	7.92%	37.31%	7.03%	47.70%

[72 FR 52739, Sept. 14, 2007]

EFFECTIVE DATE NOTE: At 72 FR 52739, Sept. 14, 2007, Table 36 to part 679 was added, effective Oct. 15, 2007.

TABLE 37 TO PART 679—GOA AMENDMENT 80 SIDEBOARD LIMIT FOR GROUND FISH FOR THE AMENDMENT 80 SECTOR

In the following management areas in the GOA and in adjacent waters open by the State of Alaska for which it adopts a Federal fishing season	The sideboard limit for	Is
Area 610	Pollock	0.3% of the TAC.
Area 620	Pollock	0.2% of the TAC.
Area 630	Pollock	0.2% of the TAC.
Area 640	Pollock	0.2% of the TAC.
West Yakutat District	Pacific cod	3.4% of the TAC.
	Pacific ocean perch	96.1% of the TAC.
	Pelagic shelf rockfish	89.6% of the TAC.
Central GOA	Pacific cod	4.4% of the TAC.

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In the following management areas in the GOA and in adjacent waters open by the State of Alaska for which it adopts a Federal fishing season . . .	The sideboard limit for . . .	Is . . .
	Pacific ocean perch	Subject to regulations in subpart G to this part.
	Pelagic shelf rockfish	Subject to regulations in subpart G to this part.
	Northern rockfish	Subject to regulations in subpart G to this part.
Western GOA	Pacific cod	2.0% of the TAC.
	Pacific ocean perch	99.4% of the TAC.
	Pelagic shelf rockfish	76.4% of the TAC.
	Northern rockfish	100% of the TAC.

[72 FR 52739, Sept. 14, 2007]

EFFECTIVE DATE NOTE: At 72 FR 52739, Sept. 14, 2007, Table 37 to part 679 was added, effective Oct. 15, 2007.

TABLE 38 TO PART 679—GOA AMENDMENT 80 SIDEBOARD LIMIT FOR HALIBUT PSC FOR THE AMENDMENT 80 SECTOR

In the . . .	The maximum percentage of the total GOA halibut PSC limit that may be used by all Amendment 80 qualified vessels subject to the halibut PSC sideboard limit in each season as those seasons are established in the annual harvest specifications is . . .				
	Season 1	Season 2	Season 3	Season 4	Season 5
Shallow-water species fishery as defined in § 679.21(d)(3)(iii)(A) in the GOA or adjacent waters open by the State of Alaska for which it adopts a Federal fishing season.	0.48%	1.89%	1.46%	0.74%	2.27%
Deep-water species fishery as defined in § 679.21(d)(3)(iii)(B) in the GOA or adjacent waters open by the State of Alaska for which it adopts a Federal fishing season.	1.15%	10.72%	5.21%	0.14%	3.71%

[72 FR 52739, Sept. 14, 2007]

EFFECTIVE DATE NOTE: At 72 FR 52739, Sept. 14, 2007, Table 38 to part 679 was added, effective Oct. 15, 2007.

TABLE 39 TO PART 679—AMENDMENT 80 VESSELS THAT MAY BE USED TO DIRECTED FISH FOR FLATFISH IN THE GOA

Column A: Name of Amendment 80 vessel	Column B: USCG Documentation No.
ALLIANCE	622750
AMERICAN NO 1	610654
DEFENDER	665983
GOLDEN FLEECE	609951
LEGACY	664882
OCEAN ALASKA	623210
OCEAN PEACE	677399
SEAFREEZE ALASKA	517242
U.S. INTREPID	604439
UNIMAK	637693
VAERDAL	611225

[72 FR 52739, Sept. 14, 2007]

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EFFECTIVE DATE NOTE: At 72 FR 52739, Sept. 14, 2007, Table 39 to part 679 was added, effective Oct. 15, 2007.

TABLE 40 TO PART 679—BSAI HALIBUT PSC SIDEBOARD LIMITS FOR AFA CATCHER/PROCESSORS AND AFA CATCHER VESSELS

In the following target species categories as defined in § 679.21(e)(3)(iv) . . .	The AFA catcher/processor halibut PSC sideboard limit in metric tons is . . .	The AFA catcher vessel halibut PSC sideboard limit in metric tons is . . .
All target species categories	286	N/A
Pacific cod trawl	N/A	887
Pacific cod hook-and-line or pot	N/A	2
Yellowfin sole	N/A	101
Rock sole/flathead sole/other flatfish ¹	N/A	228
Turbot/Arrowtooth/Sablefish	N/A	0
Rockfish ²	N/A	2
Pollock/Atka mackerel/other species	N/A	5

¹ "Other flatfish" for PSC monitoring includes all flatfish species, except for halibut (a prohibited species), Greenland turbot, rock sole, flathead sole, yellowfin sole, and arrowtooth flounder.

² Applicable from July 1 through December 31.

[72 FR 52739, Sept. 14, 2007]

EFFECTIVE DATE NOTE: At 72 FR 52739, Sept. 14, 2007, Table 40 to part 679 was added, effective Oct. 15, 2007.

TABLE 41 TO PART 679—BSAI CRAB PSC SIDEBOARD LIMITS FOR AFA CATCHER/PROCESSORS AND AFA CATCHER VESSELS

For the following crab species in the following areas . . .	The AFA catcher/processor crab PSC sideboard limit is equal to the following ratio . . .	The AFA catcher vessel crab PSC sideboard limit is equal to the following ratio . . .	Multiplied by . . .
Red king crab Zone 1	0.007	0.299	The PSC amount in number of animals available to trawl vessels in the BSAI after allocation of PSQ established in the annual harvest specifications for that calendar year.
<i>C. opilio</i> crab (COBLZ)	0.153	0.168	
Zone 1 <i>C. bairdi</i> crab	0.14	0.33	
Zone 2 <i>C. bairdi</i> crab	0.05	0.186	

[72 FR 52739, Sept. 14, 2007]

EFFECTIVE DATE NOTE: At 72 FR 52739, Sept. 14, 2007, Table 41 to part 679 was added, effective Oct. 15, 2007.

PART 680—SHELLFISH FISHERIES OF THE EXCLUSIVE ECONOMIC ZONE OFF ALASKA

Subpart A—General

Sec.

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- 680.3 Relation to other laws.
- 680.4 Permits.
- 680.5 Recordkeeping and reporting (R&R).
- 680.6 Crab economic data report (EDR).
- 680.7 Prohibitions.

- 680.8 Facilitation of enforcement.
- 680.9 Penalties.

Subpart B—Management Measures

- 680.20 Arbitration System.
- 680.21 Crab harvesting cooperatives.
- 680.22 Sideboard protections for GOA groundfish fisheries.
- 680.23 Equipment and operational requirements.
- 680.30 [Reserved]